Construction News

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Feb. 10	Buffalo, N. Y.	Feb. 1
	Adv. Feb. 1 and 8.	
Feb. 12	Willoughby, O.	Feb. 1
Feb. 12	Springfield, Mass.	Feb. 1
	Adv. Feb. 1 and 8.	
Feb. 12	Milwaukee, Wis.	Feb. 1
Feb. 12	Des Moines, Ia.	Feb. 8
Feb. 13	St. Henry, O.	Feb. 1
Feb. 13	De Beque, Colo.	Feb. 1
Feb. 13	St. George, N. Y.	Feb. 8
Feb. 14	Wellsville, O.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 14	Vorheesville, N. Y.	Feb. 1
	Adv. Feb. 1 and 8.	
Feb. 14	Nokomis, Ill.	Feb. 8
Feb. 14	Wash., D. C.	Feb. 8
	Adv. Feb. 8.	
Feb. 14	Clawson, Mich.	Feb. 8
Feb. 14	Republic, Kan.	Feb. 8
Feb. 15	Appleton, Wis.	Feb. 8
Feb. 15	El Monte, Calif.	Feb. 8
Feb. 15	Cheney, Wash.	Jan. 18
Feb. 15	Fond du Lac, Wis.	Jan. 25
Feb. 15	Aberdeen, Wash.	Feb. 1
Feb. 15	Marengo, Ill.	Feb. 8
Feb. 16	Cleveland, O.	Feb. 8
Feb. 16	Gloucester, N. J.	Feb. 1
Feb. 16	Lindsay, Neb.	Feb. 8
Feb. 19	Mishawaka, Ind.	Feb. 8
Feb. 19	Carlyle, Ill.	Feb. 1
Feb. 19	St. Paul, Minn.	Feb. 8
Feb. 20	Puyallup, Wash.	Feb. 8
Feb. 22	Whitby, Ont.	Feb. 8
Feb. 27	Canton, Ill.	Feb. 1
Feb. 27	La Porte, Ind.	Feb. 8
	Adv. Feb. 8.	
Mar. 6	Toronto, Ont.	Feb. 1
Mar. 7	Rawlins, Wyo.	Feb. 1

SEWERS

Feb. 12	Elmhurst, Ill.	Jan. 25
Feb. 12	Akron, O.	Feb. 1
Feb. 13	St. Louis, Mo.	Feb. 1
Feb. 13	Park Ridge, Ill.	Feb. 8
Feb. 13	St. George, N. Y.	Feb. 8
Feb. 13	Kansas City, Mo.	Feb. 8
Feb. 14	Brooklyn, N. Y.	Feb. 8
Feb. 21	Sturgis, Mich.	Feb. 8
	Adv. Feb. 8.	
Feb. 23	Portland, Ore.	Jan. 11
Feb. 23	Scottsville, N. Y.	Feb. 1
	Adv. Feb. 1 and 8.	
Feb. 24	Cuba, N. Y.	Feb. 1
	Adv. Feb. 1 and 8.	
Mar. 12	New Castle, Pa.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	

WASTE DISPOSAL

Feb. 13	Allentown, Pa.	Feb. 8
Feb. 21	Sea Cliff, N. Y.	Feb. 8
	Adv. Feb. 8.	
Feb. 26	Tulsa, Okla.	Feb. 1
Mar. 1	Spokane, Wash.	Jan. 18

BRIDGES

Feb. 13	Black River Falls, Wis.	Feb. 8
Feb. 14	Minnesota	Jan. 25
Feb. 14	New Orleans, La.	Jan. 18
Feb. 15	Kennebec, S. D.	Feb. 8
Feb. 15	Georgia	Feb. 8
Feb. 16	Pikeville, Ky.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 19	Alabama	Jan. 25
Feb. 19	Seattle, Wash.	Feb. 1
Feb. 20	Chautauqua, Kan.	Feb. 8
Feb. 23	Lewiston, Pa.	Feb. 8
Feb. 24	Rockwell City, Ia.	Feb. 8
Feb. 26	Massena, N. Y.	
	Adv. Feb. 8.	
Apr. 1	Wilkes-Barre, Pa.	Dec. 14
Sept. 1	Sydney, New South Wales, Australia	Aug. 3

DAMS

Feb. 20	Quebec, Que.	Feb. 1
Feb. 26	Napa, Calif.	Feb. 8
Feb. 28	Illinois	Feb. 1
	Adv. Feb. 1 and 8.	

EXCAVATION, DRAINAGE, IRRIGATION

Feb. 13	New York, N. Y.	Feb. 8
Feb. 14	Webster City, Ia.	Feb. 1
Feb. 15	Mankato, Minn.	Jan. 25
Feb. 15	Cleveland, O.	Feb. 8
Mar. 1	Redwood Falls, Minn.	Jan. 25

STREETS AND ROADS

Feb. 12	Ontario	Jan. 18
Feb. 12	Salem, N. J.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 12	Duluth, Minn.	Feb. 1
Feb. 13	Atwood, Kan.	Jan. 18
Feb. 13	Tulsa, Okla.	Jan. 25
Feb. 13	Louisiana	Jan. 25
Feb. 13	Bexley (Columbus P. O.), O.	Feb. 1
Feb. 13	Kingstree, S. C.	Feb. 1
Feb. 13	San Diego, Calif.	Feb. 1
Feb. 13	Los Angeles, Calif.	Feb. 1
Feb. 13	San Diego, Calif.	Feb. 8
Feb. 13	Ft. Worth, Tex.	Feb. 8
Feb. 14	Baltimore, Md.	Feb. 8
Feb. 14	Florida	Feb. 8
Feb. 14	San Francisco, Calif.	Feb. 8
Feb. 14	Emporia, Kan.	Feb. 8
Feb. 14	Brooklyn, N. Y.	Feb. 8
Feb. 14	Cleveland, O.	Feb. 8
Feb. 14	Virginia	Jan. 25
Feb. 14	Henderson, Tex.	Jan. 25
Feb. 14	Canton, O.	Jan. 25
Feb. 14	Camden, Ark.	Jan. 25
Feb. 14	Oklahoma	Feb. 1
Feb. 14	Florida	Feb. 1
Feb. 15	Salina, Kan.	Jan. 18
Feb. 15	Sioux City, Ia.	Feb. 1
Feb. 15	New Richmond, Wis.	Feb. 1
Feb. 15	Georgia	Feb. 8
Feb. 16	Duluth, Minn.	Feb. 8
Feb. 19	Spring Lake, N. J.	Feb. 8
	Adv. Feb. 1 and 8.	
Feb. 19	Virginia	Feb. 8
Feb. 19	Alabama	Jan. 25
Feb. 20	Waseca, Minn.	Jan. 25
Feb. 20	Charleston, S. C.	Feb. 1
	Adv. Feb. 1 and 8.	
Feb. 21	Owen, Wis.	Feb. 8
Feb. 26	Tekamah, Neb.	Feb. 8
Feb. 26	Ontario	Feb. 1
Feb. 26	Madison, S. D.	Feb. 8
Mar. 1	Marshall, Minn.	Jan. 25
Mar. 1	Columbus, O.	Feb. 8
Mar. 5	Hillsdale, Mich.	Jan. 25
Apr. 1	Huntingdon, Pa.	Feb. 8
Apr. 3	Amsterdam, N. Y.	Feb. 1
Apr. 23	Spokane, Wash.	Feb. 1

INDUSTRIAL WORK

Feb. 13	Oakland, Calif.	Feb. 1
Feb. 15	Cleveland, O.	Jan. 25
Feb. 23	St. Louis, Mo.	Feb. 1
Feb. 24	Columbus, Miss.	Feb. 1

BUILDINGS

Feb. 10	East Rochester, N. Y.	Feb. 8
Feb. 12	Albion, Mich.	Jan. 18
Feb. 12	Warren, O.	Feb. 1
Feb. 12	Massillon, O.	Feb. 1
Feb. 12	Milwaukee, Wis.	Feb. 8
Feb. 12	Cleveland, O.	Feb. 8
Feb. 13	Taft, Calif.	Jan. 25
Feb. 13	Grand Rapids, Mich.	Feb. 1
Feb. 13	Oakland, Calif.	Feb. 1
Feb. 14	Marcy, N. Y.	Jan. 25
Feb. 14	Kings Park, N. Y.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 14	Cleveland Heights (Warrensville P. O.), O.	Feb. 1
Feb. 14	Baltimore, Md.	Feb. 8
Feb. 14	Groveport, O.	Feb. 8
Feb. 14	Toronto, Ont.	Feb. 8
Feb. 14	Columbus, O.	Feb. 8
Feb. 15	St. Louis, Mo.	Feb. 8
Feb. 15	Grand Rapids, Mich.	Feb. 8
Feb. 15	Ellwood City, Pa.	Feb. 8
Feb. 15	Monongahela, Pa.	Feb. 8
Feb. 15	Seattle, Wash.	Feb. 8
Feb. 15	Crystal Lake, Ill.	Feb. 8
Feb. 15	St. Charles, Minn.	Jan. 11
Feb. 15	Greenville, O.	Feb. 1
Feb. 15	Minneapolis, Minn.	Feb. 1
Feb. 15	Williamson, W. Va.	Feb. 1
Feb. 16	East Boston (Boston P. O.), Mass.	Feb. 1
Feb. 17	Upper Arlington (Columbus P. O.), O.	Feb. 1
Feb. 17	Chicago, Ill.	Feb. 8
Feb. 17	Green Bay, Wis.	Feb. 8
Feb. 19	Brooklyn, N. Y.	Feb. 8
Feb. 19	Trafford, Pa.	Feb. 1
Feb. 19	Albion, Mich.	Feb. 8
Feb. 20	San Jose, Calif.	Feb. 8
Feb. 20	Kenosha, Wis.	Feb. 8
Feb. 20	Columbus, O.	Feb. 8
Feb. 21	Jamestown, N. Y.	Feb. 1
Feb. 21	Cleveland Heights (Warrensville P. O.), O.	Feb. 1
Feb. 23	Jamestown, N. Y.	Jan. 11
Feb. 23	Jamestown, N. D.	Jan. 25
Feb. 23	Roxbury (Boston P. O.), Mass.	Feb. 1
Feb. 23	Toledo, O.	Feb. 8
Feb. 23	Owego, N. Y.	Feb. 8
Feb. 24	Eveleth, Minn.	Feb. 8
Feb. 26	New Brunswick, N. J.	Feb. 8
Feb. 26	Attica, N. Y.	Feb. 1
Feb. 26	Whitehall, N. Y.	Feb. 1
Feb. 27	Roosevelt, N. Y.	Feb. 1
Feb. 27	Troy, Pa.	Feb. 8
Feb. 28	Memphis, Tenn.	Feb. 8
Mar. 1	Red Lion, Pa.	Jan. 18
Mar. 1	Denver, Colo.	Jan. 18
Mar. 1	Chico, Calif.	Feb. 8
Mar. 15	Duluth, Minn.	Jan. 18
Mar. 15	Trenton, N. J.	Jan. 11
Mar. 23	Shreveport, La.	Nov. 9
Apr. 1	Oil City, Pa.	Jan. 18

FEDERAL GOVERNMENT WORK

Feb. 12	Steel, etc.—Cincinnati, O.	Jan. 18
	Adv. Jan. 18 to Feb. 8	
Feb. 12	Generator—Florence, Ala.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 13	Breakwater—Phila., Pa.	Jan. 25
Feb. 14	Sluice Gates — Boise, Idaho	Jan. 4
Feb. 14	Roads—California	Feb. 1
Feb. 15	Furnishing Stone, etc.—Crescent City, Calif.	Dec. 28
Feb. 15	Valves—Boise, Idaho	Jan. 4
Feb. 16	Hospital — Battle Creek, Mich.	Jan. 18
	Adv. Jan. 18 to Feb. 8	
Feb. 17	Tanks—Florence, Ala.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 19	Post Office—Nogales, Ariz.	Jan. 25
Feb. 20	Barges — Huntington, W. Va.	Feb. 8
Feb. 21	Dredging—Galveston, Tex.	Jan. 11
Feb. 21	Castings, etc. — Florence, Ala.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 21	Refrigerating Equipment — Gulfport, Miss.	Feb. 1
Feb. 24	Quarter-boat and Barges — Wilmington, Del.	Jan. 25
	Adv. Jan. 25 to Feb. 8.	
Feb. 24	Barge—Phila., Pa.	Feb. 8
Feb. 26	Hospital—Gulfport, Miss.	Feb. 1
Feb. 28	Extension — Mare Island, Calif.	Feb. 1
Mar. 2	Stone—Eureka, Calif.	Feb. 1
Mar. 2	Dredging—New York, N. Y.	Feb. 8
	Adv. Feb. 8.	
Mar. 5	Protection, etc. — Boston, Mass.	Feb. 8
	Adv. Feb. 8.	
Mar. 6	Towboat—Nashville, Tenn.	Feb. 8
May 10	Post Office — Cordova, Alaska	Jan. 25

MISCELLANEOUS

Feb. 12	Lumber—Logan, Ia.	Feb. 8
Feb. 13	Bridge Lumber—New Hampton, Ia.	Feb. 1
Feb. 13	Tractor—Hibbing, Minn.	Feb. 8
Feb. 13	Pump, Motor, etc.—Inglewood, Calif.	Feb. 8
Feb. 14	Tractors—Florida	Feb. 8
Feb. 14	Road Grader — Biwabik, Minn.	Feb. 1
Feb. 14	Iron Manholes, etc.—Baltimore, Md.	Feb. 8
Feb. 14	Cable—New York, N. Y.	Feb. 8
Feb. 14	Asphaltic Cement—New Orleans, La.	Feb. 8
Feb. 15	Corrugated Metal Pipe — Pierre, S. D.	Feb. 8
Feb. 15	Steam Ashes—Long Island City, N. Y.	Feb. 8
Feb. 15	Lumber—New York, N. Y.	Feb. 8
Feb. 15	Mowers, etc.—New York, N. Y.	Feb. 8
Feb. 15	Dry Dock Machinery—Esquimalt, B. C.	Jan. 4
Feb. 15	Road Oil—Urbana, Ill.	Feb. 1
Feb. 19	Brick—Wash., D. C.	Jan. 25
Feb. 19	Steel Dump Hoist—San Jose, Calif.	Feb. 1
Feb. 19	Metal and Lumber—Muscatine, Ia.	Feb. 8
Feb. 20	Terra Cotta Pipe Drains, etc. —Charleston, S. C.	Feb. 1
	Adv. Feb. 1 and 8.	
Feb. 22	Wharf—Grand River, Que.	Feb. 1
Feb. 26	Street Lighting System — Plattsmouth, Neb.	Feb. 8

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Me., Winthrop—Plans new water system. $90,000. Engineer not selected. Address town clerk.

N. Y., Dundee—Plans election to vote on $90,000 bonds new waterworks system.

Pa., Mount Union—Mount Union Boro. Waterworks Co., having plans prepared and takes bids in spring, 50,000,000 gal. reservoir at Singers Gap, 7 mi. south of here, rein.-con., earth or masonry. Work will also include 4,000 ft. 8 in. c.i. pipe. $70,000. D. W. Dillman, 8081 Altoona Trust Bldg., Altoona, engr.

N. C., Concord—Plans enlarging present water supply, incl. small dam, pumps, pipe lines, etc. $200,000. W. H. Booker of Mees & Mees, Kinney Bldg., Charlotte, engrs.

Fla., Miami—Plans to vote on $75,000 bonds for waterworks extensions, incl. filtering plants, new wells, pumping stations, etc. J. G. White Eng. Corp., 43 Exch. Pl., New York City, engrs.

La., Melville—Takes bids in about 90 days, waterworks system. $45,000 bonds voted. Swanson-McGraw Inc., United Fruit Bldg., New Orleans, consult. engrs.

O., Cleveland — Plans 100,000,000 gal. reservoir, Bean and York Rds., Parma Twp. $1,300,000. A. V. Ruggles, City Hall, engr.

Ind., South Bend—Having plans prepared by J. W. Toyne, supt. present waterworks plant, for addition. $400,000. Burns & McDonell, Interstate Bldg., Kansas City, Mo., consult. engrs.

Mich., Ferndale—Had plans prepared extending mains incl. 7,820 lin.ft. 10 and 12 in c.i. pipe. $25,000. G. Jerome, 1331 Majestic Bldg., Detroit, engr.

Wis., Neenah—Waterworks Comn. plans to purchase water meters also double stop and check valves to install in mains. Private plans.

Ia., Davenport — Making plans waterworks improvements, incl. tank and tower, mains, valves, pumps, etc., $20,000. Prince-Nixon Eng. Co., 501 Peters Trust Bldg., Omaha, Neb., engrs.

Ia., Oskaloosa — Making plans waterworks improvements incl. dams, filtration plant, etc. $30,000. Burns & McDonnell, 402 Interstate Bldg., Kansas City, Mo., engrs.

Ia., Traer—Had plans prepared 80,000 gal. steel tower and tank; and 2 mi. 4-10 in. mains. C. P. Chase, Clinton, engr.

Neb., Davenport—Election soon to vote on $25,000 bonds for water tank, tower, pumps, mains, etc. Prince-Nixon Eng. Co., 501 Peters Trust Bldg., Omaha, engrs.

Mo., Glasgow—See "Sewers."

Mo., Kirkwood—Feb. 10 to vote on $105,000 bonds for water plant, incl. pipe line from wells in Meramec River to city.

Tex., Highland Park (Dallas P. O.)—Voted $125,000 bonds for waterworks improvements. H. R. Davis, mayor.

Wash., Everett—C. F. Clapp, city clk., soon takes bids excavation for 20,000,000 gal. reservoir, 235,000 yd. $75,000.

Calif., San Diego—March 20, to vote on $325,000 bonds improving water distributing system. F. A. Rhodes, city engr.

Calif., San Diego—April 3, to vote on $400,000 bonds for auxiliary wood-stave pipe line between Lower Otay reservoir and city water system. F. A. Rhodes, city engr.

Calif., Santa Cruz—To vote on $325,000 bonds for waterworks system. J. K. James, city engr.

Calif., Venice—Feb. 20, to vote on $350,000 bonds constructing water system.

Calif., Watsonville—Voted $25,000 bonds furnishing and installing 1,100 lin.ft. 12 in. and 4,700 lin.ft. 18 in. c.i. mains, etc. H. B. Kitchen, city engr.

Ont., North Bay—Plans to purchase and install gasoline pump, 3 stage centrifugal, 1,800 gal. per minute. W. N. Snyder, clk.

Ont., Ottawa—Plans 20,600 ft. c.i. mains in various streets, 6 in. up. $125,000. A. F. Macallum, city engr.

B. C., Vancouver — Opens bids about Feb. 18, 3,100 ft. 16 in. riveted steel pipe. $36,000. Separate bids for furnishing and laying. F. L. Fellowes, city engr.

BIDS DESIRED

N. Y., St. George—Feb. 13, N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Decker, Forest, Lexington, Post Aves., etc., here.

D. C., Wash.—Feb. 14, at office Washington Suburban Sanitary Comn., furnishing c.i. pipe and specials. R. B. Morse, Hyattsville, Md., ch. engr. of dist; adv. this issue.

O., Cleveland—Feb. 16, by Commissioner Purchases & Supplies, 400 ton 24 and 36 in. c.i. pipe, 5,000 ft. 2½ in. cotton rubber line hose, 8,000 pieces brass water fittings and 100 ton pig lead.

O., Columbus—See "Streets and Roads."

Ind., Laporte — Feb. 27, by Bd. Pub. Wks., 2450 g.p.m. oil engine pumping unit. J. H. Harding, supt. waterworks.

Ind., Mishawaka—Feb. 19, by Burns & McDonnell, engrs., Interstate Bldg., Kansas City, Mo., 1,500,000 gal. rein.-con. reservoir and motor-driven pumps (centrifugal unit), for Bd. Public Wks. Noted Oct. 26.

Mich., Clawson — Feb. 14, by A. C. Hodges, village clk., one 75 gal. per minute, 2 stroke, deep well pump with electric motor to pump against 215 ft. head, also concrete, brick and steel pump house. Ruhling, Holdsworth & Hudson, 16549 Woodward Ave., Highland Park (Detroit P. O.), engrs.

Ill., Marengo—Feb. 15, for 6,000 ft. 4 in. and 1,200 ft. 6 in. mains, 4,250 ft. 8 in. and 3,200 ft. 10 in. sewers. A. L. Webster, Wheaton, engr.

Ill., Nokomis — Feb. 14, material and labor for 4 wells 10 in. diam., 40 ft. deep; 4,300 ft. 8 in. Class B mains, etc. Taylor & Woltmann, 428 Unity Bldg., Bloomington, engrs. Noted Nov. 23.

Wis., Appleton — Feb. 15, by Water Dept., furnishing 156 ton 12 in. c.i. pipe, 132 ton 6 in. c.i. pipe, 6½ ton pig lead, 300 sets brass service connections and 22,000 lb. ¾ in. lead pipe for water services. F. Morris, secy.

Ia., Des Moines—Feb. 12, for 250,000 gal. steel water tank and tower. G. J. Long, city engr.

Minn., St. Paul—Feb. 19, by H. W. Austin, city purch. agt., rein.-con. reservoir, also concrete water tank and tower. G. M. Shepard, city engr.

Kan., Republic—Feb. 14, by W. B. Rollins & Co., engrs., 521 Railway Exch. Bldg., Kansas City, Mo., new water plant and distribution system. $30,000. Noted Nov. 16.

Neb., Lindsay—Feb. 16, by P. Shad, city clk., one 50,000 gal. steel tank with 100 ft. tower, 108 lin.ft. 8 in. and 660 lin. ft. 6 in. Class B c.i. pipe, 1 two stroke deep well pump, 125 gal. per minute, etc. $15,000. Henningson Eng. Co., Natl. Bldg., Omaha, engrs.

Ark., Van Buren—Taking bids rebuilding present water plant on Lee Creek, incl. 7,500 ft. 3 and 4 in. pipe, 75 valves all sizes, 97 fire hydrants, 750 new meters, 2 centrifugal pumps, 2 triplet pumps, relining present reservoir. W. L. Winters, 700 South 20th St., Ft. Smith, engr.

Wash., Puyallup—Feb. 20, by City Clerk, relaying water pipe in Meridian Ave. from Pioneer Ave. to 19th Ave. S., 7,000 ft. 6-12 in. and 6,054 ft. 4 in. c.i. pipe.

Calif., El Monte—Feb. 15, by B. Moore, city clk., furnishing 1 centrifugal booster pump to deliver 900 gal. per minute against head of 160 ft., also one 50 hp. horizontal connected 40 deg. motor.

Ont., Whitby—Feb. 22, by W. J. Luke, chn. Pub. Utilities Comn., slow sand filter system incl. concrete filters, excav., cement, steel, concrete and laying pipe, Contr. A; c.i. pipe and specials, Contr. B, gate and foot valves, valve boxes, etc., Contr. C; tile pipe and junctions, Contr. D; centrifugal pumps, motors, gasoline engines, etc. Contr. E. F. W. Thorold Co., Ltd., 54 Admiral Rd., Toronto, consult. engrs.

BIDS RECEIVED

Mass., Holyoke—Water Dept., 500 ft. 4 in., 2,000 ft. 6 in., 2,000 ft. 8 in., 1,000 ft. 12 in. and 7,400 ft. 24 in. pipe, from Donaldson Iron and Pipe Co., Emaus, Pa., $64,795; R. D. Wood & Co., 400 Chestnut St., Phila., $66,312; U. S. Cast Iron Pipe and Fdry. Co., Morris Bldg., Phila., $66,503. Engrs., est. $50,000.

N. Y., New York—Bd. Water Supply, Municipal Bldg., opened bids Jan. 30, gate valves and hydrants for Mt. Prospect Park Slope, Ft. Hamilton and Clove conduits and Narrows Siphon 2 of Catskill Aqueduct, from Michigan Valve & Fdry. Co., Detroit, Mich. (street address not available), $222,870; J. F. Ferguson & Son, Clinton St., Hoboken, N. J., $231,270; Caldwell Wilcox Co., $241,611. Noted Jan. 18.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., opened bids Jan. 30, mains in West 133rd St., from Hoover Eng. & Contg. Co., 51 Chambers St., $29,600; DeBlasio, $38,000; Knight & Demicco, 449 East Tremont Ave., $50,000. Noted Jan. 25.

CONTRACTS AWARDED

Tenn., Memphis — Memphis Artesian Water Dept., machinery in new plant being erected on North Parkway, auxiliary equipment, to M. J. Daugherty Co., Phila. (street address not available), $124,820; boiler settings, to Rust Eng. Co., Woodward Bldg., Birmingham, Ala., $15,300; air meters, to Cutler-Hammer Co., 12th and St. Paul Sts. $13,600.

Mich., Detroit—Furnishing two hundred and fifty 6 in. Detroit standard fire hydrants, and 100 tons special castings for Fire Dept., to J. W. Flower Eng. Co., 7362 14th St., $14,795 and $84.88 per ton respectively.

Ill., Chicago Heights—Drilling 2,200 ft. artesian well, to S. B. Geiger, 37 West Van Buren St., Chicago, $39,876 ($211 higher than low bidder).

Wis., Milwaukee—For six 42 in. gate valves for Riverside Pumping Sta., to Kennedy Valve Mfg. Co., East Water St., Elmira, N. Y., $7,900. Noted Jan. 25.

Minn., Minneapolis — Plans laying 12½ mi. mains. $500,000. Work will be done by day labor. City Purch. Dept. soon takes bids on mains and other materials. N. W. Elsberg, city engr. J. F. Jensen, waterworks superv.

Minn., St. Paul—Castings and fittings for alum solution agitator for Water Dept., to St. Paul Fdry. Co., Como Ave. and Mackubin St., $1,333. Noted Jan. 18.

Minn., St. Paul—For six hundred and thirty-nine 12 ft. lengths Class C, one thousand six hundred and twenty-six 12 ft. lengths Class B, and sixteen 12 ft. lengths Class A spigot water pipe, and 2,644 tons miscellaneous pipe, to United States Cast Iron Pipe Co., Amer. Trust Bldg., Birmingham, Ala., $140,000, (30 and 42 in. pipe not awarded); 3,177 lb. c.i. pipe and 2,862 lb. miscellaneous steel, to Valley Iron Wks., S. East Water St., $616; c.i. ladders, pipe railing, posts, bases, fittings, flanges, channel stringers, etc., to St. Paul Fdry. Co., Como Ave. and Mackubin St., $1,800. Noted Jan. 4.

S. D., White Lake—See "Sewers."

Sewers

PROPOSED WORK

Conn., Bridgeport—Having plans prepared storm sewer in Lindley St., Hawley Ave. and intersecting streets $80,000. Beechwood Park Sect., section north of North Ave. on Laurel and Park Aves. and emptying into Rooster River, $75,000, East Main and Hickory Sts., Forest Sq. and Minnesota Ave., $55,000, Bethany Chapel Sect., North Main St., etc., $30,000, Laurel Ave. from Arlington to Cleveland Aves., $20,000; trunk line storm sewer in Gilman St., $30,000, Capitol Ave., $25,000; combined storm and sanitary sewers in Maplewood Ave. from Colorado Ave. to Dewey St., through Dewey St. into Ash Creek, $40,000, Grand St. from Grand and Oak Sts. to North Washington Ave. and Grand Sts., $45,000, Wayne St. from Keeler Ave. south to Marion St., $30,000, Grant St., Clairmont and Boston Aves. and Mill Hill Ave. section, $35,000; sanitary trunk sewer in Mt. Grove St. from Dewey St. to Bostwick Ave., emptying into Bostwick Ave. trunk system, $60,000. J. E. McElroy, City Hall, city engr.

Pa., Erie—Bd. Directors of Poor Erie Co. plans sewage disposal plant in Fairview Twp. $25,000. Engineer not announced.

Md., Baltimore—Mayor and City Council having plans prepared 1 mi. sanitary sewers in Tiffany Run from Hillen Rd. to Arlington Ave. $200,000. A. E. Christhilf, City Hall, ch. engr.

O., East Cleveland (Cleveland P. O.)—See "Streets and Roads."

Ill., Lewistown — Making plans 2 mi. sanitary sewerage system, incl. disposal plant, in Sewer Dist. 2. $40,000. W. A. Fuller Co., 1917 Ry. Exch., St. Louis, Mo., engrs.

Ia., Muscatine—Rejected bids opened Jan. 11, 42,669 ft. 8-12 in. sanitary and storm sewers, 7,830 ft. 10 in. storm water connections, etc., in Sub Sewerage Dist. 3 of Main Sewerage Dist. 4, also for lifting plant and

Sewers (Continued)

discharge mains in above district. Central States Eng. Co., Muscatine, engrs. Noted Jan. 4.

Minn., Minneapolis — Plans sewer construction, $785,000; also work on Minnehaha Creek trunk sewer, $192,000. Work will be done by day labor. City Purch. Dept. will soon take bids on materials. C. Ilstrup, sewer eng.

Neb., Omaha — Soon takes bids storm sewers in Grace St. from 8th to 15th Sts., 11th and Grace Sts. to 13th and Locust Sts., $250,000; extension to Saddle Creek storm sewer west to 50th St., $50,000; Mud Creek storm sewer from A to G Sts., South Omaha, $125,000; extension to Minne Lusa storm sewer to 23rd St., $250,000; storm sewer from 30th and Weber Sts. to junction with Minne Lusa sewer, $100,000; Benson sewer northwest from 63rd St. and Military Ave., $125,000. H. Beal, City Hall, engr.

S. D., McIntosh—Plans sewerage system. $25,000. Cory & LeCocq, Aberdeen, engr.

Mo., Glasgow—Preparing plans sewage and waterworks system. $75,000-$100,000. A. J. Archer & Co., 609 New England Bldg., Kansas City, engrs.

Mo., Richmond—Voted $60,000 bonds for sewers. J. W. Kirkpatrick, clk.

Calif., Fresno—Had plans prepared sewers in H and Stanislaus Sts., 1,163 ft. 24 in., 297 ft. 22 in., 400 ft. 20 in., 400 ft. 18 in., and 400 ft. 12 in. concrete pipe, 938 ft. 10 in. and 435 ft. 8 in. vitr. clay pipe W. Stranahan, city engr.

Calif., Redwood City—Had plans prepared sewers in portions of James, Hudson and Iris Sts., etc., 1,120 lin.ft. 10 in., 2,600 lin.ft. 8 in. and 7,670 lin.ft. 6 in. vitr. pipe, 8,900 lin.ft. 4 in. vitr. laterals, etc. C. L. Dimmitt, city engr.

Calif., Venice—Feb. 20, to vote on bonds to construct outfall sewerage system.

Ont., Brantford—Plans 1 mi. vitr. tile sanitary sewers, 8 in. up. $30,000. F. P. Adams, city engr.

Ont., Galt — Plans extending sewers. $40,000. Prices wanted on materials. J. McCartney, City Hall, engr.

Ont., Owen Sound—Having plans prepared 6,000 to 7,000 ft. vitr. tile sanitary sewers in various streets, 8 in. up. $30,000. D. H. Fleming, city engr.

BIDS DESIRED

N. Y., Brooklyn—Feb. 14, by E. Riegelmann, boro pres., Boro Hall, sewers in Colonial Rd., Ave. O, East New York, Ocean and Belmont Aves., East 7th, East 12th, Crown, and Cleveland Sts.

N. Y., St. George — Feb. 13, by J. A. Lynch, pres. Richmond Boro, Boro Hall, temporary sanitary sewers in Sand Lane from Seaside Blvd. to Richmond Ave., Mills, Ocean, Townsend, Jackson and Sherman Aves. from Cedar to Richmond Aves., Old Town Rd., Cedar and Richmond Aves. from Sand Lane to Ocean Ave., Windom Ave. from Old Town Rd. to Cedar Ave.

O., Columbus—See "Streets and Roads."

Mich., Sturgis—Feb. 21, by City Comn., sewers. A. H. Niles, city engr.; adv. this issue.

Ill., Marengo—See "Waterworks."

Ill., Park Ridge—Feb. 13, rein.-con. and tile sewerage system, $300,000. H. L. Emmerson, 133 West Washington St., Chicago, engr.

Mo., Kansas City—Feb. 13, by Bd. Pub. Wks., 4,500 ft. 10-27 in. vitr. or plain concrete sewer in Dist. 361, 16,500 cu.yd. earth, 2,500 cu.yd. loose and 4,500 cu.yd. solid rock excav., etc. P. Hartung, City Hall, engr.

BIDS RECEIVED

Md., Baltimore — Bd. Awards, sanitary sewer in Dist. G-14, Contr. 196, 22,491 lin.ft. 8-18 in. vitr. sewer, 12,984 lin.ft. house connections, 106 manholes, from Arundel Constr. Co., Knickerbocker Bldg., $73,582. P. Agrios, 3641 13th St., Wash., D. C., $78,813, Aiello Constr. Co., Knickerbocker Bldg., $79,519; in Dist. 11, Contr. 197, 14,162 lin.ft. 8-24 in. vitr. sewer, 5,686 lin.ft. house connections, 88 manholes, from Shyrock & Rich, 4701 Reistertown Rd., $61,053. Ryan Constr. Co., Real Estate Trust Bldg., Phila., $67,082, Aiello Constr. Co., Knickerbocker Bldg., $71,456. Noted Jan. 25.

Mich., Springwells—B. P. Esper, village clk., opened bids storm water outlet, Ford Outlet Channel, (a) improving 4,723 ft. ditch by excav. and cleaning and building 10 pile bridge, (b) alternate bid for enclosing 1,540 ft. of ditch, from Candler Dock & Dredge Co., 8145 Medina Ave., Detroit, (a) $66,800; R. A. Mercier, 5435 Wesson Ave., Detroit, (a) $85,000, (b) $219,000; Lennane & McIlvenna, 1205 Book Bldg., Detroit, (a) $90,000, (b) $224,000. Noted Jan. 18.

CONTRACTS AWARDED

N. Y., Endicott—Endicott Johnson Corp., 108 East Main St., will build large outfall sewerage system, by day labor, under supervision of A. Beebe, engr. c/o owner. $200,000. Noted Feb. 1.

N. Y., Syracuse—Bd. Contr. & Supply, First Ward Sewer, 14 streets, 8-12 in. tile, to S. Palmisano, 305 Fulton St., $34,965. Engrs. est. $38,000.

N. J., Newark—Passaic Valley Sewerage Comrs., 128 Market St., Newark, local sewer connections in Carlisle Pl., Ogden, Passaic and Clark Sts., to Culp Co., Inc., 412 East 37th St., Paterson, $109,829. Noted Dec. 21.

O., Toledo—W. T. Jackson, dir. Pub. Serv., intercepting sewerage system, Contr. 5, to Booth & Flinn, 17 Battery Pl., New York City. Noted Jan. 4.

Mich., Detroit—For 7,263 ft. Butternut St. Arm, Clark Ave. Sewer, to J. A. Mercier, 216 Hammond Bldg., $190,324; 6,813 ft. Buchanan Ave. Arm, Clark Ave. Sewer, to G. R. Cooke, 1260 Penobscot Bldg., $194,449. Noted Jan. 25.

Wis., Rice Lake—Sewer extensions in South Main and Allen Sts., incl. 1,650 lin.ft. 8 in. vitr. tile, thirty-eight 8 in. wyes, 3,750 lin.ft. 15 in. vitr. tile, one hundred thirty-four 15 in. wyes, 1,640 lin.ft. 20 in. vitr. tile and fifty-five 20 in. wyes, manholes, 1 lamphole, to Pastoret Constr. Co., 308 Sellwood Bldg., Duluth, Minn., $34,000.

S. D., White Lake — Sewage disposal plant, to H. A. Kobes, Mitchell, $19,620; elevated tank and tower, to Omaha Steel Wks., 4802 Leavenworth St., Omaha, Neb., $5,279.

Tex., Brownsville — Complete disposal plant, to Kroeger & Hayner, Moore Bldg., San Antonio, $50,034. Noted Jan. 25.

Okla., Tulsa—Sanitary sewers in Terrace, Regina and Ridgewood Sts., Dist. 189, to Comstock-Smedley, 432 Iowa Bldg., $42,953. Noted Jan. 11.

Calif., Hanford—For two No. 7 single stage raw sewage pumps with motors, to Horlock-Clow Co., Hanford, $1,400.

Calif., Lodi — City Trustees, machinery for sewage disposal plant, pumps to Byron-Jackson Iron Wks., 55 New Montgomery St., San Francisco, $3,355; electric motors, to Fairbanks-Morse Co., 651 Mission St., San Francisco, $3,236; air compressors, to Halloran & Golcher, Sharon Bldg., San Francisco, $7,270; flow meters, to General Electric Co., Rialto Bldg., San Francisco, $1,460; filtrous plates, to General Filtration Co., 325 Cutler Bldg., Rochester, N. Y., $4,380; fine screens and clarifiers, to Dorr Co., 101 Park Ave., New York City, $4,570 and $6,620 respectively. Noted Feb. 1.

Calif., San Francisco—Bd. Pub. Wks., constructing Army St. sewer extension, to Clinton Constr. Co., 126 Townsend St., $115,784. Noted Jan. 4.

Waste Disposal

BIDS DESIRED

N. Y., Sea Cliff—Feb. 21, by Bd. Village Trustees, combined garbage incinerator plant and storage building. R. H. Branthwaite, clk.; adv. this issue.

Pa., Allentown—Feb. 13, by M. W. Gross, mayor, City Hall, 70 ton per day garbage incinerator. H. F. Bascom, city engr. Noted Jan. 25.

Bridges

PROPOSED WORK

N. J., Trenton—Pennsylvania R.R., Broad St. Sta., Phila., plans 100 ft. steel and concrete bridge, 60 ft., over tracks of above railroad on Olden Ave., here. $100,000. F. B. Temple, Broad St. Sta., Phila., engr.

N. J., Wilburtha — Pennsylvania R.R., Broad St. Sta., Phila., plans 2 concrete bridges over Delaware & Raritan Canal feeder, here. J. M. Kinkead, Aleda Apartment, Trenton, engr.

Florida—See "Railways."

Ia., Ft. Dodge—City and Minneapolis & St. Louis R.R. Co., Transportation Bldg., Minneapolis, Minn., having plans prepared 400 ft. rein.-con. and steel, through girder viaduct over railroad tracks on 8th Ave. and 7th St. $35,000. C. H. Reynolds, city engr. R. G. Kenly, ch. engr. railroad.

Minn., Minneapolis — See "Streets and Roads."

S. D., Chamberlain — State Hy. Dept., Pierre, had preliminary estimate made 1,292 ft. bridge with 5 spans and 292 ft. concrete viaduct approach, incl. 2,204,680 lb. steel, 3,368 cu.yd. concrete, etc., here. $303,623.

S. D., Forest City — State Hy. Dept., Pierre, having preliminary estimates made 1,572 ft. bridge with 5 spans and 240 ft. concrete viaduct approach, 3,107,040 lb. steel, 4,037 cu.yd. concrete, 1,452 cu.yd. structure excav., here. $395,541.

S. D., Mobridge—State Hy. Dept., Pierre, having preliminary estimates made 1,292 ft. bridge with 5 spans and 240 ft. concrete viaduct approach, 2,176,180 lb. steel, 3,313 cu.yd. concrete, 963 cu.yd. structure excav., here. $283,048.

S. D., Pierre—State Hy. Dept. having preliminary estimates made 1,887 ft. bridge with 5 spans and 360 ft. concrete viaduct approach, 4,070,680 lb. steel, 4,266 cu.yd. concrete, 1,740 cu.yd. structure excav., here. $498,235.

S. D., Rosebud—State Hy. Dept., Pierre, having preliminary estimates made 1,810 ft. bridge with 7 spans and 120 ft. concrete viaduct approach, 3,102,740 lb. steel, 5,012 cu.yd. concrete, 1,445 cu.yd. structure excav., here. $408,205.

Mo., St. Louis—Pub. Serv. Comn. plans 1,200 ft. concrete viaduct, 80 ft. wide, with 550 ft. southern and 200 ft. northern approaches, spanning Terminal R.R. and Missouri Pacific R.R. tracks, to replace old wooden structure on 14th St., incl. 13,200 cu.yd. earth excav., 40,000 lin.ft. concrete piling, 16,400 cu.yd. rein.-con., 1,000 ton reinforcing, 5,400 lin.ft. granite curb, 11,300 sq.yd. granite blocks and 7,000 sq.yd. concrete sidewalks. $627,000. Cost to be borne by city, Terminal R.R., Missouri Pacific R.R. and United Railways Co.

Wash., Seattle—King Co. had tentative plans prepared bridge connecting Mercer Island with Mainland, 80 ft. horizontal and 30 ft. vertical clearance, 20 ft. roadway, 4 ft. sidewalk, piling trestle. $40,000. D. H. Evans, county bridge engr.

BIDS DESIRED

N. Y., Massena—Feb. 26, at office F. A. Hough, town clk., highway bridge over Grasse River. Jarrett-Chambers Co., Inc., 30 East 42nd St., New York City, engrs.; adv. this issue.

Pa., Lewistown — Feb. 23, by Comrs. Mifflin Co., 350 ft. rein.-con. bridge with 4 spans over Juniata River, between here and Lewistown Junction. $100,000. J. M. Long, Boyer Arcade, Norristown, engr.

Georgia—Feb. 15, by State Hy. Dept., Atlanta, 2 timber treated bridges on Fureys Ferry Rd., Federal Aid Project 323, Richmond and Columbia Counties, incl., 251.62 cu.yd. concrete, 21, 551 lb. reinforcing, etc.; concrete bridge over Southern R.R. tracks near Gainesville, Federal Aid Project 44, Hall Co., 337.1 cu.yd. concrete, 41,234 lb. reinforcing, 328 sq.yd. 4 in. concrete paving, etc.; bridge over Atlanta, Birmingham & Atlantic R.R. tracks on La Grange Rd., Federal Aid Project 98, Troup Co., 219.73 cu.yd. concrete, 26,970 lb. reinforcing, 235.6 sq.yd. 4 in. concrete paving, etc.; 2 concrete bridges on La Grange Chipley Rd., Federal Aid Project 324, Troup Co., 335.57 cu.yd. concrete, 38,867 lb. reinforcing, 208 sq.yd. 4 in. concrete paving, etc. State to furnish cement f.o.b. nearest railroad stations.

Wis., Black River Falls—Feb. 13, at office O. H. Overlien, highway comr., Jackson Co., Court House, Irving Bridge, Town of Irving, 8 mi. southwest of here, two 50 x 24 ft. deck girder spans; Vaudruel Bridge, Town of Brockway, 2 mi. east of here, 12 :: 12 x 46 ft. rein.-con. box culvert.

Ia., Rockwell City—Feb. 20, by Auditor Calhoun Co., furnishing material and constructing 1 pair abutments, 2 box culverts, 1 slab and 4 I-beam bridges and 4 pony trusses. W. E. McClure, Rockwell City, engr.

Kan., Sedan—Feb. 20, by C. E. Sperry, engr., Caney, 120 ft. steel truss span bridge, 18 ft. roadway, over Big Caney River.

S. D., Kennebec—Feb. 15, by State Hy. Comn., Pierre, one 90 ft. span pony truss over Medicine Creek, also one 72 ft. span rein.-con. viaduct over Medicine Creek Overflow, on Kennebec-Winner Rd., 1½ mi. southwest of here, Lyman Co., incl. 133.5 cu.yd. Class A, 78.9 cu.yd. Class D concrete, 27,450 lb. reinforcing steel, 112,328 lb. structural steel, etc. F. D. Hudgins, ch. engr.

Bridges (Continued)

BIDS RECEIVED

Ia., Marshalltown—Marshall Co., 32 concrete box and 22 circular concrete culverts, 4 culvert extensions, one 36 x 20 ft. deck girder and one 70 x 20 ft. steel pony truss on Primary Bridge Project 159, from Ingersoll & Stouffer, Marshalltown, $43,900; B. J. Cole, Ames, $48,900; J. A. Dunkle, Webster City, $49,734. Noted Jan. 18.

CONTRACTS AWARDED

Connecticut—State Hy. Dept., Hartford, concrete substructure and approaches for one 154 ft. steel truss bridge, over Little River, on River Rd., in Cromwell and Middletown, to J. E. Fitzgerald Co., 85 State St., New London, $30,000 (cement and piles furnished by State); superstructure, to C. A. Sibley Co., 902 Chapel St., New Haven, $22,000. Noted Jan. 25 under "Streets and Roads."

Ia., Ft. Dodge—Webster Co., 6 span concrete cantilever deck girder bridge, concrete pier and abutments, 308 ft. long, near north limits of Ft. Dodge, to Nelson & Aldrich Constr. Co., Spencer, $35,698. Noted Jan. 18.

Minn., Spooner—Bridge, to Minneapolis Bridge Co., Metropolitan Life Bldg., Minneapolis, $44,850.

Minn., Warren—See "Excavation, Drainage and Irrigation."

Oklahoma—See "Streets and Roads."

Wash., Wilderness (Hoquiam P. O.)—Grays Harbor Co. (Montesano), 200 ft. steel bridge, concrete piers, over Humptulips River, near here, to Union Bridge Co., Central Bldg., Seattle, $39,765.

Dams

PROPOSED WORK

N. C., Concord—See "Waterworks."

Ill., Danville—Interstate Water Co. having plans prepared for reservoir dam, $600,000. Mead & Seastone, State Journal Blk., Madison, Wis.

Tex., Ballinger—Colorado Valley Irrigation Assn. having surveys made for dam to impound water for irrigation of from 150,000-200,000 acres. Address C. S. Guin, pres.

BIDS DESIRED

Calif., Napa—Feb. 26, by City Council, constructing Milliken dam and appurtenances, and furnishing supplies, Schedule 1 (construction of dam), to be single arch concrete type, with maximum height of 112 ft. and approximate length 600 ft., to store 630,000,000 gal., involving stripping, Plan A, using channeler cuts, item 1, 11,000 sq.ft. channeler cut, 2,600 cu.yd. excav., Plan B, without channeler cuts, item 1, 2,600 cu.yd. excav.; concrete in dam, Plan A, using concrete rock adjacent to dam, item 2, 16,800 cu.yd. concrete in dam, incl. that in refill of excav., Plan B, using rock fill from elsewhere, item 2, 16,800 cu.yd. concrete in dam, incl. that in refill of excav.; outlet tower, Plan A, using rock fill adjacent to dam, item 3, 200 cu.yd. rock in outlet tower, incl. excav., etc., Plan B, using rock from elsewhere, item 3, 200 cu.yd. rock in outlet tower, incl. excav., etc.; grouting holes, item 4, 930 lin.ft. grouting holes drilled and grouted; gunite, item 5, 2,540 sq.ft. ¼ in., 18,100 sq.ft. ⅜ in., 9,300 sq.ft. ½ in., and 7,060 sq.ft. ¾ in. gunite; Schedule 2, furnishing portland cement, f.o.b. cars Napa, 25,000 bbl. portland cement; Schedule 3, furnishing reinforcing steel, per 100 lb., f.o.b. Napa, 48,000 lb. ⅜ in. sq. bars reinforcing steel; Schedule 4, furnishing gate valves f.o.b. Napa, seven 12 in., one 18 in. and one 24 in. gate valves, flanged, c.i. body, brass mounted, etc.; Schedule 5, furnishing castings, flanged bolts and gaskets, anchor bolts, bridge, grating, screens, extension to gate stems and supports therefor, Standard pipe and fittings for railings and all other metal fixtures except gate valves and reinforcing steel, furnished f.o.b. Napa. A. Kempkey, Hobart Bldg., San Francisco, consult. engr.

Railways

PROPOSED WORK

New York—Buffalo, Rochester & Pittsburgh R.R., 20 State St., Rochester, plans relaying tracks near Salamanca and constructing additional tracks in yard, etc. To exceed $25,000. E. F. Robinson, ch. engr.

Florida — Florida East Coast Ry., St. Augustine, plans 120 mi. railway from Okeechobee to Lemon City, incl. 8-15 bridges. $1,000,000. H. N. Rodenbaugh, ch. engr.

Florida — Florida East Coast Ry., St. Augustine, plans 8 mi. railroad from Miami to Hialeah. $60,000 bonds authorized. H. N. Rodenbaugh, ch. engr.

Illinois—Illinois Central R.R., 135 East 11th Pl., Chicago, plans 125 mi. road between Edgewood, Ill., and Fulton, Ky. $25,000,000. F. L. Thompson, ch. engr.

Oklahoma — St. Louis & San Francisco R.R., St. Louis, Mo., soon takes bids installing additional track between Tulsa and West Tulsa, via Arkansas River Bridge, incl. set of deck plate girders for bridge, 90 lb. rail and chat road ballast. $90,000. F. G. Jonah, ch. engr.

Missouri — St. Louis & San Francisco R.R., St. Louis, soon takes bids additional track from Valley Park to Eureka, incl. 2 crossing over Meramec River, increasing bridge space. $850,000. F. G. Jonah, ch. engr.

California — Fruit Growers Supply Co., 1st Natl. Bank Bldg., San Francisco, plans 15 mi. electrically operated railroad, in Eagle Lake Sect., Lassen Co., to haul logs to sawmill. Private plans.

Ontario—Dominion Power & Transmission Co., Terminal Sta., Hamilton, having surveys made for 5 mi. single track electric line from Hamilton to McKittrick Survey. $200,000. W. C. Hawkins, mgr.

CONTRACTS AWARDED

Kentucky—Illinois Central R.R., 118 East 11th St., Chicago, 32 mi. railroad from Central City to Dawson Springs, to A. Guthrie & Co., 366 Jackson St., St. Paul, Minn. Engrs. est. $1,500,000.

Ohio—Youngstown Municipal Ry., Box 58, Youngstown, will reconstruct Albert St. car line, by day labor. $46,000. Paving work will be done by city. J. B. Stewart, Jr., genl. supt. Noted Feb. 1.

Excavation, Drainage, Irrigation

PROPOSED WORK

Fla., Miami — Plan election to vote on $50,000 bonds filling in Bay Front Park, sand. C. W. Murray, City Hall, engr.

O., Conneaut—See "Miscellaneous."

Minn., Gaylord — Sibley and Nicollet Counties had plans prepared Judicial Ditch 9, 1,068,050 cu.yd. excav., $128,166; 313,877 lin.ft. 6-30 in. tile, $181,261. F. D. Minium, New Ulm, engr.

Minn., Willmar—Kandiyohi Co. having plans prepared Judicial Ditch 9, 13 mi. open ditch and 2 laterals, each 1 mi., 167,797 cu.yd. excav., $122,553; tile drain, 5-36 in., $285,000. J. A. Rowat, Willmar, engr.

Tex., Austin—State Recl. Dept. and State Bd. Water Engineers, plan to expend $600,000 for hydrographic survey of rivers and water sheds for reclamation purposes, flood control, etc. A. A. Stiles, state recl. engr.

Tex., Magnolia Park (Houston P. O.)—Feb. 15, to vote on $300,000 bond issue for drainage improvements, Sands & Culpepper, Houston, (street address not available), consult. engrs.

Idaho, Lewiston — Lewiston-Clarkston Impvt. Co. having surveys made by R. Foster, engr., Lewiston, for irrigation project incl. 7 mi. 48 in., 4 mi. 40 in. and 1.5 mi. 32 in. pipe, 4,500 acre ft. reservoir, storage dam, 120 ft. high and 750 ft. long, on Asotin Creek, etc. $200,000.

Utah—Deseret Irrigation Co., Salt Lake City, plans improvements and extensions to irrigation systems in Millard Co. $210,000. J. A. Melville, Jr., Deseret Bank Bldg., Salt Lake City, attorney. Engineer not selected.

Wash., Yakima—Fruitvale D. D., Fruitvale (North Yakima P. O.), plans election Feb. 20 to vote on $40,000 bonds, draining 1,160 acres, here. W. T. McFilney, Yakima, engr.

Calif., San Diego—San Dieguito Irrigation Dist., plans election to vote on $400,000 bonds constructing irrigation system. T. A. King, Fletcher Bldg., engr.

BIDS DESIRED

N. Y., New York—Feb. 13, by J. H. Delaney, comr. Docks, Pier A, North River, dredging at foot of East 72nd St., East River, Contr. 1800.

O., Cleveland—Feb. 15, by city, dredging Cuyahoga River, 140,000 yd. excav. To exceed $25,000. R. Hoffman, City Hall, engr.

BIDS RECEIVED

Neb., North Platte—D. D. 1, Lincoln Co., 22 mi. open ditch work, 884,240 cu.yd., to C. L. Hansen, Charles City, Ia., $70,737; 2,829 lin.ft. 8 in., 10,399 lin.ft. 10 in., 7,355 lin.ft. 12 in., 20,360 lin.ft. 15 in., 20,776 lin.ft. 18 in., 6,051 lin.ft. 20 in., 4,873 lin.ft. 22 in. and 13,275 lin.ft. 24 in. clay tile, to Iowa Pipe & Tile Co., East 4th and Hayes Sts., Des Moines, Ia., $51,976; laying tile, to L. M. Rude and C. A. Wold, Pomeroy, Ia., $63,037. Noted Aug. 1.

CONTRACTS AWARDED

Minn., Warren—Marshall Co., Co. Ditch 35, 206,286 cu.yd. excav., to Strom, Degerness & Hanson, Gary, $.0874 per cu.yd.; 7 bridges, to R. Belcher, Thief River Falls, $7,490; culverts, to Minneapolis Bridge Co., Metropolitan Life Bldg., Minneapolis.

Calif., Patterson—Concrete lining 2½ mi. main laterals, to N. M. Ball, Porterville, $0.06 per sq.ft. Noted Dec. 21.

Streets and Roads

PROPOSED WORK

Conn., Wallingford—Plans paving 1 mi. South Main St., bituminous macadam, $45,000.

N. Y., Jamestown—Plans paving Sampson St. and Hall Ave., vitr. brick on 5 in. concrete. $25,000. L. O. Bergmann, city engr.

Pa., Erie—Comrs. Erie Co. plan paving 23 mi. Corry-Waterford Rd. $500,000. F. Hill, co. engr.

Pa., Scranton—Plans paving Clearview St. from West Main St. to Rebecca Ave., sheet asphalt and stone blocks on concrete, $25,000. W. LaFontaine, dir. pub. wks.

N. C., Greenville—Pitt Co. plans paving with concrete or some type of asphalt, 14.3 mi. road from here to Beaufort Co. line, J. B. Harding, co. engr. Work will probably be done under supervision of State Hy. Dept., Raleigh.

Ala., Birmingham — Plans grading and asphalt paving 1 mi. 8th Ave. Rd. to Ensley, incl. 2 mi. stone curbing, 2 mi. cement gutter. $37,000. A. J. Hawkins, City Hall, engr.

Tennessee—State Hy. Dept., Nashville, making surveys grading, surfacing, etc. 10 mi. road from Greenville to Paint Rock, North Carolina State line, Greene Co., 16 ft. D. A. McComb, Nashville, ch. engr.

Tenn., Nashville—Plans paving 4.75 mi. various streets, incl. Jefferson, Belcourt, 11th and Forest Sts., 8th, 17th, 2nd, 15th, Gartland and Capers Aves., 93,000 sq.yd. granite block, bituminous macadam or asphalt. W. W. Southgate, City Hall, engr.

Ky., Owenton—Owen Co. voted $200,000 bonds for road work.

O., Canton—Stark Co. plans grading and paving 1½ mi. Canton-Middlebranch Rd., 16 ft., vitr. brick. $60,000. G. L. Sickafoose, co. surv.

O., East Cleveland (Cleveland P. O.)—Plans paving East 125th St., Allendale Ave., Alton, Hillsboro, Terrace and Lee Rds., Dover and Nela Courts, strip on Euclid Ave. from Superior Ave. to point 250 ft. easterly and strip on Superior Ave. from Euclid Ave. to Emily St.; repaving Doan St., Bardwell, Forest Hill, Shaw and Superior Aves., Eddy, Noble and Terrace Rds.; sewers between Belt Line R.R. and New York, Chicago & St. Louis R.R., west of Eddy Rd., along New York, Chicago & St. Louis R.R., right of way from Strathmore to Coit Aves., Woodworth Rd., Hayden and Phillips Aves. J. Garnett, City Hall, engr.

O., New Philadelphia—Plans brick or sheet asphalt paving and laying sewers in Boulevard from New Philadelphia to Dover Twp. line, 16 ft. $88,000. G. E. Arnold, New Philadelphia, engr.

Michigan—State Hy. Dept., Lansing, soon takes bids grading and gravel surfacing 3.726 mi. Assessment Dist. Rd. 448, Clinton and Ionia Counties.

Mich., Detroit—Plans resurfacing with 3 and 3½ in. sheet asphalt, Alexandrine, Alger, Burns, Beechwood, Beaufait, Benson, Breckenridge, Beacon, Belvidere, Belmont, Calumet, Canton, Crane, Chalmers, Colburn, Central, Crawford, Cleveland, Campbell, Clippert, Charles, Carbon, Cavalry, Canfield, Catherine and Durand Sts.; grading and paving with 3 in. sheet asphalt on 6 in. concrete Posen Ave., $2,750, Lyle Ave., $2,640; 3½ in. sheet asphalt on 8 in. concrete, Fullerton Ave., $38,760, Leslie Ave., $38,760, Eureka Ave., $14,330, Iroquois Ave., $27,390, E St., $5,470, Army Ave., $9,900, Van Buren Ave., $10,915, Dexter Ave., $59,350; grading and paving 7 alleys with one course 7 in. concrete $25,450. J. W. Reid, city engr.

Streets and Roads (Continued)

Ill., Astoria—Making plans paving about 1 mi. Bway., 30-40 ft., brick on concrete. $30,000 up. W. A. Fuller Co., 1917 Ry. Exch., St. Louis, Mo.

Wis., Milwaukee—Milwaukee Co. Road and Bridge Comn., plans to concrete surfacing, etc., 2¾ mi. Lisbon Ave. from South Fond du Lac Rd., west; 3 mi. Wauwatosa Ave. from North Fond du Lac Rd. to Town Hall; 2½ mi. Lovers Lane Rd. from Zanesville Rd. to Beloit Rds.; ¾ mi. 35th St. from north city limits to Lake St.; 2 mi. Rawson Ave. from Howell Ave. to city limits of South Milwaukee. Wisconsin Hy. Comm., Madison, engrs.

Wis., South Milwaukee—Plans new pavement on Rawson Ave. from 10th to 17th Aves., Hawthorne Ave. from Chicago Ave., east, Milwaukee Ave. from 12th to 14th Aves., Marquette Ave. from 10th to 12th Aves., 10th Ave. from Marquette to Madison Aves., probably concrete. To exceed $25,000.

Ia., Independence—Making plans paving 38 blocks. $125,000. T. N. Tschirgi & Son, 711 Amer. Trust Bldg., Cedar Rapids, engrs.

Minn., Duluth—City plans to expend $1,000,000 on street improvements and paving, incl. concrete paving. Largest single item is grading Congdon Blvd. and laying crushed rock base, 40 ft. wide, for distance of 5 mi. Bids will be received about March 1. E. K. Coe, city engr.

Minn., Minneapolis — Comrs. Hennepin Co. levied $592,000 for road and bridge construction. State and Federal Government will grant aid.

Minn., Owatonna—Steele and Rice Counties plan grading etc. 6.5 mi. road on Steele-Rice county line from Moland west. 24 ft. $30,000. R. W. Hosfield, Owatonna, and J. C. McElherne, Faribault, engrs.

Kan., Fredonia—Takes bids later part of February paving 43 blocks, macadam with concrete intersection. C. R. Schiek, Fredonia, engr.

Kan., Pittsburg — Takes bids early in spring paving 11 blocks, brick or concrete. L. D. Cornelius, Pittsburg, engr.

S. D., Madison—Lake Co. plans grading and gravel surfacing 6.25 mi. Federal Aid Project 137 from here to Junius. $41,706. V. W. Elfert, aud.

S. D., Sioux Falls—Plans paving 8 blocks Duluth Ave. between 18th and 26th Sts., 8,900 sq.yd. pavement, 5,052 lin.ft. curb. $40,000. W. C. Leyse, city aud.

Wyo., Casper—Had plans prepared and takes bids early in spring, approximately 120,000 lin.ft. 5 ft. concrete sidewalks, one course concrete 4 in. thick on 4 in. gravel 1:2:4 mix, $108,000; 4,700 ft. concrete cross-walks, $5,875; 5,000 lin.ft. concrete curb, 18 in. high, $3,000.

Missouri—State Hy. Dept., Jefferson City, plans grading, etc., 5 mi. road from Fredericktown to Jackson, 30 ft., State Project Route 9, Cape Girardeau Co.; 5 mi. road east of Lebanon, 30 ft., State Project Route 14, Laclede Co.; 5 mi. road from Portageville to Arkansas State Line, 30 ft., State Project Route 9, Pemiscot Co.; 5 mi. road from Doniphan to Poplar Bluff, 28 ft., State Project Route 42, Ripley Co.; 5 mi. road east and west through Springfield, 30 ft., State Project Route 14, Greene Co.; 5 mi. road east of Fisk, 28 ft., State Project Route 16, Stoddard Co.; 5 mi. road from Fredericktown to Irontown, 28 ft., State Project Route 70, Madison Co.; 5 mi. road from Fredericktown to Jackson, 30 ft., State Project Route 9, Madison Co.; 5 mi. road from Fredericktown to Jackson, 30 ft., State Project Route 9, Bollinger Co.; 5 mi. road from Cabool to Houston, 28 ft., State Project Route 7, Texas Co.; 5 mi. road from St. Louis to Springfield, 30 ft., State Project Route 14, Pulaski Co.; 5 mi. road south of Galena, 28 ft., State Project Route 43, Stone Co.; 5 mi. road east and west through Lawrence Co., 30 ft., State Project Route 14; 5 mi. road from Holt Co. line to Savannah, 28 ft., State Project Route 21, Andrew Co. B. H. Piepmeier, state highway engr.

Missouri — State Hy. Dept., Jefferson City, plans grading, etc., 5 mi. road south of Neosho, 28 ft., State Proect Route 1, Sect. 108, McDonald Co.; 5 mi. road from St. Louis to Springfield, 30 ft., State Project Route 14, Phelps Co.; 5 mi. road from Neosho to Goodman, 28 ft., State Project Route 1, Sect. 107, Newton Co.; 5 mi. road from Beverly to Barnhart, State Project Route 9, Jefferson Co.; 5 mi. road from De Soto to Potosi, 28 ft., State Project Route 9, Washington Co.; 5 mi. Gravois Rd., 28 ft., State Project Route 30, St. Louis Co.; 5 mi. road from Jefferson Co. line south, 28 ft., St. Genevieve Co.; 5 mi. road from Kansas City to St. Louis, 30 ft., State Project Route 2, Montgomery Co.; 5 mi. road from Jefferson City to Columbia, 30 ft., State Project Route 7, Callaway Co.; 5 mi. Southern Highway, 28 ft., State Project Route 12, Morgan Co.; 5 mi. road north of Waverly, 28 ft., State Project Route 3, Carroll Co.; 5 mi. road north of Kansas City, 28 ft., State Project Route 33, Clay Co.; 5 mi. road from Belton to Harrisonville, 28 ft., Cass Co.; 5 mi. road from Hannibal west, 30 ft., State Project Route 9A, Marion Co.; 5 mi. road west of New London, 28 ft., State Project Route 54, Ralls Co.; 5 mi. road from Salt River to Shelbina, 28 ft., State Project Route 15, Shelby Co.; 5 mi. road north of Paris, 28 ft., State Project Route 15, Monroe Co.; 5 mi. road south of Macon, 28 ft., State Project Route 7, Macon Co.; 5 mi. road north of Moberly, 28 ft., State Project Route 7, Randolph Co.; 5 mi. road from Queen City north and south, 28 ft., State Project Route 7, Schuyler Co.; 5 mi. road from Buchanan Co. line east, 30 ft., State Project Route 6, De Kalb Co.; 5 mi. road south of King City, 28 ft., State Project Route 31, De Kalb Co.; 4 mi. road east of Gallatin, 28 ft., State Project Route 6, Daviess Co.; 5 mi. road south of Grant City, 28 ft., State Project Route 29, Worth Co.; 5 mi. road from Appleton City to Butler, 28 ft., St. Clair Co. B. H. Piepmeier, state highway engr.

Mo., Glasgow—Preparing plans 30,000 yd. pavement, all types. A. T. Archer & Co., 609 New England Bldg., Kansas City, engrs.

Tex., Angleton—Brazoria Co. plans to construct State Highway 19 from here 8.1 mi. south in Rd. Dist. 20. State Highway Comn., Austin, granted $48,914 aid. E. N. Gustafson, co. engr.

Tex., Ballinger—Runnels Co. making plans grading, bridging, etc., 15 mi. State Highway 7-A, Central Texas Highway, 24 ft., 2,570 cu.yd. concrete, 55,000 cu.yd. earth and rock excav., 203,300 lb. reinforcing. $76,300. W. Stephens co. engr.

Tex., Coleman—Coleman Co. plans to construct State Highways 7 and 23. State Hy. Comn., Austin, granted $83,500 aid. W. E. Dickerson, co. engr.

Tex., Canton—Van Zandt Co. plans to construct 7 mi. north loop State Highway 15, from Smith Co. line to point 4 mi. west of Grand Saline. $90,000. State Highway Comn., Austin, granted $45,000 aid. F. W. Gaines, co. engr.

Tex., Del Rio—Val Verde Co. plans to construct 12.7 mi. State Highway 12. $80,000. State Hy. Comn., Austin, granted $40,000 aid. G. M. Jowers, co. engr.

Tex., Ft. Worth—Tarrant Co. plans to construct 1.6 mi. State Highway 40. $28,000. State Highway Comn., Austin, granted $14,000 aid. R. V. Glenn, co. engr.

Tex., Franklin—Robertson Co. plans to construct State Highway 43. Hearne Rd. Dist. recently voted $200,000 bonds. State Highway Comn., Austin, granted $60,000 aid. J. Reid, co. judge. Engineer not selected.

Tex., Hemphill—Sabine Co. plans to construct 20 mi. State Highway 43. $106,000. State Hy. Comn., Austin, granted $53,000 aid. W. H. Davidson, co. judge.

Tex., Roscoe—City Comn. soon takes bids permanent paving business section. Cost to exceed $25,000. Montgomery-Ward Co., Wichita Falls, engrs.

Idaho, St. Maries—Having surveys made and takes bids in spring paving various streets. Cost to exceed $30,000. D. P. Woods, Realty Bldg., Spokane, Wash., engr.

Calif., Bakersfield—Soon takes bids improving portions 20th, 21st and R Sts., 220,375 sq.ft. grading, 220,375 sq.ft. 1½ in. warrenite on 3½ in. asphaltic concrete, 552 lin. ft. 18 in. culverts, 7,583 lin.ft. concrete curb, 12,058 sq.ft. concrete gutter. W. D. Clarke, city engr.

Calif., Fresno—Had plans prepared improving Amador St. from H to Van Ness Sts. 51,623 sq.ft. grading, 46,080 sq.ft. asphalt, 3,387 sq.ft. gutter, 1,855 lin.ft. curb, 2,015 sq.ft. concrete pavement; Mono Ave. between 4th and 5th Sts., 5th St. between Ventura and Balch Sts., 13,680 sq.ft. walks, 2,826 lin.ft. curb; Lucerne Lane between McKinley and University Aves., Peralta Way between Wilson and Lucerne Lane, etc., 77,163 sq.ft. grading, 54,859 sq.ft. asphalt, 4,269 sq.ft. gutter, 1,846 lin.ft. curb, 8,913 sq.ft. walks; Howard St. between Illinois and Washington Sts., 9,850 sq.ft. concrete walks. W. Stranahan, city engr.

Calif., Salinas—Having plans prepared paving 12 blocks with waterbound macadam, and 2,000 ft. 4 in. concrete pavement on Maple St. D. Davies, city engr.

Calif., San Diego—Common Council having revised plans prepared paving Lincoln Ave. between Georgia and Boundary Sts. $36,017. Former bid rejected. F. A. Rhodes, city engr. Noted Jan. 4.

Calif., San Diego—Had plans prepared improving A and C Sts., 145,883 sq.ft. 2½ in. asphaltic concrete on 2½ in. bituminous, 352 sq.ft. surfacing existing base, 2,223 lin.ft. concrete curb, 925 sq.ft. concrete walks, etc. F. A. Rhodes, city engr.

Calif., San Diego — Had plans prepared paving E St. from 16th to 25th Sts., 16,243 sq.yd. 2½ in. asphaltic concrete base, 1½ in. top; 18th St. from Imperial St. to Bway., 18,859 sq.yd. 2½ in. two course asphaltic concrete base, 1½ in. top; A St. from 24th to 25th Sts., and C St. from 19th to 25th Sts., 2,223 lin.ft. cement curbing, 925 sq.ft. cement sidewalks, 16,235 sq.yd. 2½ in. asphaltic concrete base, 1½ in. top. F. A. Rhodes, city engr.

Calif., San Diego—San Diego Co. voted $600,000 bonds constructing 57 mi. highways. E. R. Childs, co surv. B. Allen, clk. Bd. Supervs.

Calif., Tulare — Having plans prepared concrete paving 8 blocks. R. M. Berryhill, city engr.

Calif., Venice—Feb. 20, to vote on $200,000 bonds extending Windward Ave.

Calif., Yuba City—Sutter Co. plans resurfacing oil macadam pavements, 1.3 mi. Sanders lateral, 1.3 mi. Pease Lateral, 0.5 mi. Nuestro lateral, 1.3 mi. Nuestro-Terra Beuna Rd., 2.1 mi. Oswald lateral, 2 mi. O'Banion Corners lateral; reconstructing and oil macadam surfacing 2½ mi. State Highway from Tahoe to Ukiah, etc. $25,000. O. W. Lanzendorf, co. road engr.

Ontario—Provincial Hy. Dept., University Ave. and Dundas St., plans to take over 15 mi. road between Gananoque and Lillies Corners, and convert same into provincial highway, probably macadam. $300,000. G. Hogarth, ch. engr.

Ontario—Provincial Hy. Dept., University Ave. and Dundas St., Toronto, have taken over 30 mi. road, mostly 20 ft. wide, between Smith Falls and Brockville, and will convert same into provincial highway, probably macadam. $600,000. G. Hogarth, ch. engr.

Ont., Hespeler—Plans ¾ mi. pavements on Dover and Fountain Sts., 7,000 sq.yd., probably concrete. $30,000. M. E. Jardine, town clk.

Ont., London—Middlesex Co. plans new concrete pavements and road improvements. $200,000. Prices wanted on materials. C. Talbot, County Bldgs., engr.

Ont., St. Thomas—Plans asphaltic concrete pavements on Centre, Metcalfe and Manitoba Sts., also improvements on Mitchell St. and Gladstone Ave. $50,000. W. C. Miller, city engr.

Ont., Sandwich — Essex Co. Good Rds. Com. plans new concrete highways. $100,000. Prices wanted on materials. W. B. Clifford, County Bldgs., engr.

Ont., Toronto—Had plans prepared and soon takes bids, 4,800 ft. asphalt pavement on 8 in. concrete in Kingston Rd. from Queen St. to Victoria Park Ave. and from Dixon Ave. to Main St., 46 ft. wide, incl. 9,600 lin.ft. concrete curbing, 9,600 lin.ft. brick gutters, $330,089; 600 ft. asphalt on 8 in. concrete on Dundas St. from Victoria St. west, 46 ft. wide, incl. 1,200 lin.ft. concrete curbs and 1,200 lin.ft. brick gutters, $25,512. R. C. Harris, city engr.

Ont., Toronto—Having plans prepared paving 2,500 ft. Weston Rd., 12,000 sq.yd. asphalt. $63,788. R. C. Harris, city engr.

Ont., Toronto—Plans 2 mi. concrete sidewalks on portions of Kingston Rd. $57,000. R. C. Harris, city engr.

Ont., Toronto—Plans asphalt pavements on Dawes Rd., $13,644. Patterson Ave., $8,338, 4,000 sq.yd. asphalt; grading Northcliffe Blvd., 5,000 cu.yd. excav., $3,225; 4,500 sq.ft. concrete sidewalks on Indian Grove, $1,107. R. C. Harris, city engr.

Ont., Toronto—Toronto and York Good Rds. Comn., 57 Adelaide St., E., plans 5 mi. highway in King Twp., probably macadam. $100,000. E. A. James, c/o owner, engr.

BIDS DESIRED

N. Y., Brooklyn—Feb. 14, by E. Riegelmann, boro pres., Boro Hall, recurbing Bay 23rd St.; curbing, grading and flagging Conselyea and Maple Sts.; permanent asphalt paving Conselyea St., Ave. D and Livonia Ave.; grading, curbing and laying sidewalks on 72nd St.; cement sidewalks on Warehouse and 18th Aves., 5th and West 30th Sts.

N. J., Spring Lake—Feb. 19, by Mayor and Council, grading, resetting curbs and paving streets, sheet asphalt on concrete. J. M. Braly, boro engr.; adv. this issue.

Pa., Huntingdon—April 1, by P. V. Heffner, pres. Boro Council, paving 4,000 ft. 6th

Streets and Roads (Continued)

and Penn Sts., brick on concrete. $50,000. J. W. Oates, boro. engr.

Md., Baltimore—Feb. 14, by Bd. Awards, City Hall, grading, curbing and paving with cement concrete and old granite blocks (not redressed) on concrete, streets listed in Contr. 229-OCNA, 10,295 sq.yd. cement concrete, 870 sq.yd. old granite block. $45,000. A. E. Christhilf, City Hall, engr.

Va., Richmond — See "Miscellaneous" under Bituminous Patch Material, etc.

Georgia—Feb. 15, by State Hy. Dept., Capitol, Atlanta, constructing 7.181 mi. sand clay on Fureys Ferry Rd., Federal Aid Project 323, Richmond and Columbia Counties, 993 lin.ft. 15-24 in. pipe in culverts, 60,779 cu.yd. earth and 650 cu.yd. rock excav., 42,478 sta.yd. overhaul excav., 7 acres clearing, 18,903 cu.yd. sand clay surfacing, etc.; 1.704 mi. Athens Danielsville Rd., Federal Aid Project 300, Clarke Co., 5,353 cu.yd. earth excav., 18,140 sq.yd. concrete pavement, etc. State to furnish cement f.o.b. nearest railroad stations. W. R. Neel, highway engr.

Florida—Feb. 14, by State Hy. Dept., Tallahassee, grading, constructing timber bridge and placing rock base on 5.378 mi. Rd. 8 from Sta. 422 south of Lake Stearns to line between Twps. 35 and 36, Project 562 A, Highlands Co. W. F. Cocke, state highway engr.

O., Cleveland—Feb. 14, grading, curbing and paving Argus Ave. N.E. from East 133rd to East 140th Sts. and Darley Ave. N.E. from East 140th St. to west end of East 133rd St. To exceed $125,000. R. Hoffman, City Hall, engr.

O., Columbus—March 1, grading, curbing, laying mains, sewers connections and paving 2 mi. Parsons Ave. from Livingston Ave. to viaduct, 44 ft., asphalt. $163,948. R. H. Simpson, City Hall, engr. Noted Dec. 21.

Wis., Fond du Lac—Feb. 17, by Fond du Lac Co. State Road and Bridge Comn., concrete surfacing ,etc., 6 mi. Fond du Lac-Ripon-Green Lake Rd., 29,610 cu.yd. earth and 871 cu.yd. borrow excav., 443.1 cu.yd. concrete in culverts and bridges, 66,687 sq.yd. 18 ft. concrete surfacing, etc.; 5.7 mi. Ripon-Oshkosh Rd., 17,300 cu.yd. earth, 310 cu.yd. borrow and 600 cu.yd. loose rock excav., 155 cu.yd. concrete in culverts, 53,863 sq.yd. 16 ft. concrete surfacing, etc.; 3.3 mi. Waupun-Brandon Rd., 12,498 cu.yd. earth, 167 cu.yd. ditch, 202 cu.yd. borrow, 400 cu.yd. loose and 100 cu.yd. solid rock excav., 259.2 cu.yd. concrete in culverts and bridges, 31,356 sq.yd. 16 ft. concrete surfacing, etc. Wisconsin Hy. Comn., Madison, engrs.

Wis., Milwaukee—Feb. 19, by C. R. Weymouth, div. engr., Milwaukee Co., Stephenson Bldg., Milwaukee, concrete surfacing, etc., 2.86 mi. Brown Deer-Menononee Falls Rd., Federal Aid Project 285, 18 ft., 13,311 cu.yd. earth excav., 252.35 cu.yd. concrete in bridges, 30,196 sq.yd. 18 ft. concrete surfacing, 29,895 lb. reinforcing, etc. Wisconsin Hy. Comn., Madison, engrs.

Wis., Owen—Feb. 21, by C. L. Johnson, village clk., concrete paving and ornamental street lighting system on Central Ave., incl., 1,300 cu.yd. earth excav., 1,925 lin.ft. concrete curb, 5,570 sq.yd. concrete, 4,540 lin.ft. drain tile, 30 ornamental lights, 3 mushroom lights, cable, reflectors, etc. $25,000. Universal Eng. Co., Eau Claire, (street address not available), engrs.

Minn., Duluth—Feb. 16, by J. A. Farrell, city comr., paving 1864 ft. 8th St. from 10th Ave. to 14th Ave., E., 5,280 sq.yd. concrete, 3,550 lin.ft. concrete curbing, 200 lin.ft. concrete sidewalk, 5,750 cu.yd. earth and 115 cu.yd. rock excav. $25,777. E. K. Coe, city engr.

Kan., Emporia—Feb. 14, by W. S. Ruggles, engr. Lyons Co., paving 2.925 mi. Federal Aid 118, Sect. A, 18 ft., 5 ft. shoulders, 18,000 cu.yd. earth excav., 30,163 yd. paving, one course, bitulithic or bituminous filled brick.

Kan., Hays—A. W. Seng, engr., Hays, taking bids and opens same about Feb. 20, paving 30,000 sq.yd. various streets, 3 in. fiber block on 5 in. concrete with asphalt filler.

Neb., Tekamah—Feb. 26, by M. Work, clk., paving various streets, 33,000 sq.yd. vitr. brick, asphalt or concrete. W. E. Standeven, 741 Peters Trust Bldg., Omaha, engr.

S. D., Madison—Feb. 26, paving Dist. 15, incl. 3,700 lin.ft. concrete curb and gutter, 6,000 sq.yd. concrete, bitulithic, wood block, asphaltic concrete or sheet asphalt. $20,000 to $30,000. C. A. Trimmer, city engr.

Tex., Ft. Worth—Feb. 13, by City Comn paving 575 sq.yd. Hawthorne St. from Lipscomb to Travis Sts., 400 ft. curb and gutter; 2,170 sq.yd. Hawthorne St. from 5th to Washington Sts., 2,500 ft. curb and gutter; 3,600 sq.yd. Edwin Ave. from Jerome to Buck Sts., 2,500 ft. curb and gutter; 1,600 sq.yd. 8th Ave. from Morgan to Farwell Sts., 920 ft. curb and gutter; 1,200 sq.yd. Henderson St. from Bois d'Arc to Carson Sts., 840 ft. curb and gutter; 840 sq.yd. 21st St. from North Main to Ellis Sts., 580 ft. curb and gutter. Bids on 1½ in. Uvalde rock asphalt, 2 in. bitulithic or 3 in. vertical fiber brick. $40,000. D. L. Lewis, city engr.

Tex., Liberty—Feb. 16, by C. R. Wilson, judge Liberty Co., grading, etc., 21.11 mi. State Highway 3, Sect. A, Federal Aid Project 352, 30 ft., 77.9 acres clearing, 39 acres grubbing, 5,831 cu.yd. earth and 445,314 cu.yd. borrow excav., 1,573.6 cu.yd. concrete, 155,641 lb. reinforcing, $158,097; 13.32 mi. State Highway 3. Beaumont-Houston Highway, 30 ft., 23,290 cu.yd. roadway and 498,145 cu.yd. borrow excav., 5,450 cu.yd. concrete, 15,644 lin.ft. concrete piling, 531,512 lb. reinforcing, $343,000. W. C. Youngs, Dayton, co. engr.

Calif., San Diego—Feb. 13, by City Council, improving 8th St. between Imperial and N Sts., 11,659 sq.ft. 2 in. asphalt surface, 1 in. binder course and 5 in. cement concrete base, 108 ft. cement curb, etc. F. A. Rhodes, city engr.

Calif., San Francisco—Feb. 14, by Bd. Pub. Wks., improving Vicente St. between Forestside and 19th Sts., 19,592 cu.yd. excav., 8,225 cu.yd. fill, 500 lin.ft. 8 in., 680 lin.ft. 12 in., 410 lin.ft. 15 in., and 275 lin.ft. 18 in. ironstone pipe sewers, 3,240 lin.ft. concrete curb, 93,155 sq.ft. asphaltic concrete, 3,100 sq.ft. artificial stone walks, etc., $60,000; boulevard connecting Lincoln Park and Sutro Heights, 55,965 cu.yd. excav., 604 cu.yd. 1:3:6 concrete retaining walls, culvert walls and gutters, 3,110 cu.yd. crushed rock or gravel surface, etc., $60,000. M. M. O'Shaughnessy, city engr.

BIDS RECEIVED

Pa., Phila.—Opened bids Jan. 30, grading and paving Bingham St. from Deveraux Ave. to Robbins St., from Ferranti & Cellici, Lincoln Bldg., $18,975, T. L. Flannigan, 1204 Montgomery St., $25,559; G St. from Wyoming Ave. to Ramona St., from Lombardi & Co., Lincoln Bldg., $65,584, C. A. Conan, Inc., Mud Puddle Lane, along tracks Pennsylvania R.R., $79,543, J. J. McHugh, South Penn Sq., $83,168.

Kentucky—State Rd. Dept., Frankfort, opened bids Jan. 23, grading 14.815 mi. Barboursville-London Rd., State Project 5, Sect. B, Federal Aid Project 61, Knox Co., (1) 104.851 cu.yd. earth excav. (2) 41,591 cu.yd. solid rock excav. (3) 1,738 cu.yd. loose rock excav. (4) 49,587 cu.yd. borrow (5) 80,984 sta. yd. overhaul (6) 11 acres clearing (7) 12 cu.yd. Class D concrete, alternate bids on (8) 1,524 lin.ft. 18 in. standard vitr. pipe (9) 592 lin.ft. 24 in. standard vitr. pipe (10) 1,104 lin.ft. 18 in. D. S. vitr. pipe (11) 596 lin.ft. 24 in. D. S. vitr. pipe, (12) 200 cu.yd. 1:3:6 concrete or (13) 2,628 lin.ft. 18 in. rein.-con. pipe, (14) 1,188 lin.ft. 24 in. rein.-con. pipe, or (15) 2,028 lin.ft. 18 in. standard c.i. culvert pipe (16) 1,188 lin.ft. 24 in. standard c.i. culvert pipe, alternate bids on (17) 449 cu.yd. Class A concrete (18) 19 cu.yd. Class B concrete (19) 78,178 lb. reinforcing (20) 1,954 cu.yd. cement rubble masonry or (21) 1,425 cu.yd. Class A concrete (22) 820 cu.yd. Class B concrete (23) 112,090 lb. reinforcing, using (a) cement rubble masonry and concrete pipe (b) concrete masonry and concrete pipe (c) cement rubble masonry and vitr. pipe (d) concrete masonry and vitr. pipe, from Costello Bros., Henson Bldg., Knoxville, Tenn., (1) $0.34 (2) $0.70 (3) $0.70 (4) $0.32 (5) $0.02 (6) $40 (7) $60 (13) $2.15 (14) $3.20 (17) $21 (18) $20 (19) 0.055 (20) $10 (21) $23.50 (22) $21 (23) $0.06, (a) $130,214 (b) $154,034; J. D. Crippen Constr. Co., Mercantile Bldg., Knoxville, Tenn., (1) $0.35 (2) $0.80 (3) $0.60 (4) $0.35 (5) $0.04 (6) $40 (7) $50 (8) $1.90 (9) $2.90 (10) $2.15 (11) $3.15 (12) $17 (13) $2.15 (14) $3.15 (17) $19.50 (18) $19 (19) $0.06 (20) $10 (21) $19.50 (22) $18.50 (23) $0.06, (a) $137,666, (c) $140,593 (d) 156,915; Ellis & Smeathers, Owensboro, (1) $0.35 (2) $1 (3) $1 (4) $0.35 (5) $0.02 (6) $60 (7) $50 (8) $2 (9) $2.75 (10) $2.25 (11) $3 (12) $18 (13) $2.50 (14) $3.75 (17) $19 (18) $19 (19) $0.06 (20) $9 (21) $19 (22) $19 (23) $0.06. (a) $145.662.

Tex., Center—Shelby Co. grading, gravel surfacing and bridging 6 mi. State Highway 35, Federal Aid Project 280, 16 ft., from B. Latimer, Garrison, $47,581; McClung Constr. Co., Cleburne, $47,614; Standifer & Wood, Royce City, $50,143. Engrs. est. $84,346.

Calif., Crescent City—City opened bid Jan. 22, improving various streets, 15,355 cu.yd. grading, excav., 201,800 cu.yd. grading, surface, 158,000 sq.ft. retouch asphalt macadam pavement, 201,800 sq.ft. new asphalt macadam pavement, 12,960 lin.ft. concrete curb, 39,200 sq.ft. concrete gutter and concrete valley, etc., from J. A. Dowling, Call Bldg., San Francisco, $170,655. Noted Jan. 11.

CONTRACTS AWARDED

Connecticut—State Hy. Dept., Hartford, paving 24,880 ft. Naugatuck-New Haven Rd., in Bethany and Naugatuck, 3 in. bituminous macadam on 6 in. base, to J. Arborio, 82 Church St., New Haven, $118,000; 36,650 ft. Clinton-Killingsworth Rd., 4 in. traprock waterbound macadam, to F. Arrigoni & Son, 605 Main St., Middletown, $77,000; 20,600 ft. Town Rd., in East Haddam, 7 in. waterbound macadam, to F. Valeria, Newfield Ave., Stamford, $76,000; 17,870 River Rd., in Rocky Hill, plain cement concrete, (State to furnish cement), to Immick Co., State St. Ext., Meriden, $78,000, 14,400 ft. Thomaston-Waterbury Rd., in Thomaston, plain cement concrete (State to furnish concrete), to T. J. Fleming, 27 Chestnut Ave., Waterbury, $90,000. 3,500 ft. Franklin Rd., in Franklin, waterbound macadam, to F. D. Miller & Co., R.F.D. 6, Norwich, $18,000. Noted Jan. 25.

N. Y., Brooklyn — E. Riegelmann, boro pres., Boro Hall, to T. B. Scott, 671 Halsey St., grading, curbing and flagging East 78th St. $5,006, East 38th St. $1,526, East 39th St. $1,387, Sutter Ave. $1,208; to Borough Asphalt Co., 1301 Metropolitan Ave., paving Sutter Ave. $2,234, 74th St. $6,942, 82nd St. $6,771; to Cranford Co., 52 9th St., paving 83rd St. $7,258. Noted Feb. 1.

North Carolina—State Hy. Dept., Raleigh, grading and asphaltic concrete paving on 5 in. cement concrete 6.05 mi. State Project 696, Union Co., to Redmon Constr. Co., Monroe, $170,843.

Ky., Earlington — Improving various streets, to Saether Roads Co., Birmingham, Ala. (street address not available), $125,000. Noted Nov. 23.

Ill., Belleville—St. Clair Co., rein.-con. paving 2.5 mi. East St. Louis-Cahokia Rd., 18 ft., to Keeley Bros., 2200 State St., East St. Louis, $41,120.

Wis., Racine—Racine Co. concrete paving, etc., Union Grove, 12th St. Rd., to E. G. Russell Constr. Co., Kenosha, (street address not available) $64,405. Noted Jan. 25.

Ia., Dyersville—Paving 52 blocks, 54,390 sq.yd. 7 in. one course concrete, 20,000 lin. ft. curb and gutter, 900 ft. storm sewer, to Dearborn Constr. Co., Waterloo. $149,795. Noted Jan. 11.

Minn., Faribault — Rice Co., improving State Rd. 1 in Scott Co., Job 2501, 63,986 cu.yd. earth and 1,976 cu.yd. loose rock excav., 33,909 cu.yd. overhaul, to M. J. Nolan Constr. Co., 609 Kasota Blk., Minneapolis, $7,643, 21 monolithic culverts, to Lundeen Bros., Mankato, $1,982, 2,006 lin. ft. of 15 in. portable corrugated metal culverts, to Austin Western Road Machy. Co., 375 Cedar St., St. Paul, $644; State Project 21, Job 2308, Rice Co., 247,320 cu.yd. earth excav., 4,750 cu.yd. loose rock and 840 cu.yd. solid rock excav., 287,729 cu.yd. overhaul, to M. J. Nolan Constr. Co., 609 Kasota Blk., Minneapolis, $69,303, monolithic culverts and bridges, to Morris Constr. Co., Morris, $26,472, and W. Weires & Co., Faribault, $24,330, corrugated metal culverts, to Austin Western Road Machy. Co., 375 Cedar St., St. Paul, $5,146. Noted Dec. 14.

Minn., Hastings—Dakota Co., improving 6 mi. State Aid Rd. 1, 60,000 cu.yd. excav., to C. Johnson, 506 Harrison Ave., St. Paul, $21,608; monolithic culverts, to W. Weires & Co., Faribault, $7,322; corrugated metal culverts, to Lyle Culvert & Road equipment Co., 171 27th Ave. S. E., Minneapolis, $2,146.

Neb., West Point—Improving Dists. 2 and 3, 24,000 cu.yd. grading, 48,050 sq.yd. brick on 4 and 5 in. base, 23,400 lin.ft. curb and gutter, 2,000 lin.ft. curb, 210 sidewalk approaches, 4,000 lin.ft. sidewalks, etc., to Roberts Constr. Co., 415 First Natl. Bank Bldg., Lincoln, $184,891.

Tex., Cisco—Paving and curbing 3 mi. 6th St., 40 ft., brick on natural base, to P. Brown, Taylor, $40,000. Noted Jan. 4.

Tex., Dallas—To Central Bitulithic Co., Praetorian Bldg., paving Knox St. from McKinney St. to Missouri, Kansas & Texas R.R. tracks, 40 ft., 5,107 sq.yd. bitulithic $3.25, 2,300 ft. curb and gutter $1.15, total $21,880, Willis St. from Lanier to Greenville Sts., 26 ft., 7,290 sq.yd. bitulithic $3.45, 5,700 ft. curb and gutter $1.15, $38,254; to Uvalde Paving Co., Insurance Bldg., Market St. from Pacific St. to Routh Sts., 5,203 sq.yd. Uvalde rock asphalt $3.45, 1,000 ft. curb and gutter $1.15, total $21,402, Collin St. from Jefferson to Lamar

Streets and Roads (Continued)

Sts., 1,858 sq.yd. Uvalde rock asphalt $3.45, 815 ft. curb and gutter $1.15, $8,669. Caruth St. from Jefferson to Lamor Sts., 1,877 sq.yd. Uvalde rock asphalt $3.45, 727 ft. curb and gutter $1.15, $8,449.

Oklahoma—State Hy. Comn., Oklahoma City, grading, paving and bridges on 2 mi. Federal Aid Project 90, Carter Co., 21,000 sq.yd. asphalt rock, to Baum Constr. Co., Durant, $31,400. Noted Dec. 28.

Oklahoma — State Hy. Dept., Oklahoma City, grading, paving and bridges on 3.3 mi. Federal Aid Project 93, Sect. A, Creek Co., 34,848 sq.yd. concrete, to Highway Constr. Co., Tulsa, (street address not available). $84,755.

Oklahoma — State Hy. Dept., Oklahoma City, grading and paving 6½ mi. Edmond Rd., Oklahoma Co., 48,000 cu.yd. earth excav., 69,700 sq.yd. vertical fibre brick, to Beekman Constr. Co., Coffeeville, Kan., $251,094; 3 mi. Newcastle Rd., Oklahoma Co., 2,400 cu.yd earth excav., 31,680 sq.yd. concrete, to Green Constr. Co., 503 S. W. Natl. Bank Bldg., Oklahoma City, $106,000.

Wash., Seattle—Paving North 77th St., 1,127 sq.yd. 6 in. concrete, 5,800 lin.ft. concrete and 550 lin.ft. asphaltic concrete curbing, to Fiorito Bros., 2306 Charles St., $39,249. Engrs. est. $40,497. Noted Feb. 1.

Calif., Modesto—To Standard Paving Co., 9th and N Sts, improving 16th St. between I and Burney Sts., 84,577 sq.ft. 1½ in. warrenite on 2½ in. asphaltic concrete at $0.17, 5,098 ft. concrete gutter $0.20, 3,387 ft. concrete curb $0.70; Poplar Ave. between Needham and Stoddard Aves., 58,547 sq.ft. grading $0.05, 54,881 sq.ft. paving $0.17, 3,666 ft. gutters $0.20, 2,432 ft. concrete curb $0.70, etc. Noted Dec. 7.

Calif., Oakland—Improving 104th Ave. between 12th St. and Sunnyside Ave., to Oakland Paving Co., 5000 Bway., 117,769 sq.ft. grading at $0.039, 361 ft. concrete curb $0.70, 1,719 ft. concrete gutter $0.28, 84,658 ft. oil macadam $0.12, 11,815 ft. concrete walks $0.165. Noted Dec. 21.

Calif., Rio Vista—Paving streets in Dists. 1 and 2, 1½ in. warrenite on 3½ in. asphaltic concrete, to Municipal Impvt. Co., 306 12th St., Oakland, $98,243 and $17,902 respectively. Noted Jan. 18.

Calif., Santa Ana—Orange Co. improving Dist. 15, 181,967 sq.ft. 4 in. gravel sub base and gravel shoulders, 6 in. concrete surface in center, 8 in. thick at edges, to B. R. Ford, Santa Ana, $29,695. County to furnish cement and sub-grade gravel, $18,000.

Calif., Stockton — San Joaquin Co improving Brian and Woods Ferry Rd., to Irey & Holden, Lodi, $22,005. Noted Dec. 21.

Quebec — Dept. Provincial Rd., Quebec, road work in Loretteville Village, to Languiere, Houde & Co., Grondines, 17,220; in St Croix, to U. Paris, Deschallons, $139,959; in St. Nicholas, to T. E. Rousseau, St. Vallier St., Quebec, $117,394.

Industrial Works

PROPOSED WORK

Mass., Springfield—Eastern States Refrigerating Co., 343 Bridge St., soon lets contract to selected contractors and builders, remodeling 3 story plant, Dwight St. $200,000.

Mass., West Springfield (Springfield P. O.)—Wico Electric Co., 132 Liberty St., Springfield, plans 1 story factory, brick and steel, 2nd unit, West Rd. $75,000. Private plans.

R. I., Providence—New York, New Haven & Hartford R.R., New Haven, plans 1 story repair shop, brick and concrete, Oregon St.

Conn., Bantam — Bantam Ball Bearing Co. having plans prepared by Fletcher-Thompson Inc., archts and engrs., 542 Fairfield Ave., Bridgeport, 3 story, factory addition, brick and rein.-con. $150,000.

Conn., New Milford—Confederated Home Abattoirs Corp., c/o H. O. Averhill, New Preston, plans packing plant, brick and concrete, along tracks New York, New Haven & Hartford R.R., here. $150,000. Architect not announced.

Conn., Waterbury — Amer. Metal Hose Co., 67 Jewelry St., having plans prepared 3 story, 60 x 100 ft. plant addition, brick and steel. $130,000. Architect not announced.

N. Y., Buffalo—J. W. Clement Co., 8 Lord St., had plans prepared 3 story, 60 x 100 ft., printing plant, rein.-con. and brick. Lord St. $150,000. Architects name withheld.

N. Y., Syracuse—E. A. Simonds Co. having plans prepared by Goggin & Goggin, archts, and engrs., University Bldg. 4 story, 50 x 103 ft., furniture plant, North Clinton St. $50,000.

Pa., Elizabethtown—Morganthau Electric Co., 204-206 Market St., Harrisburg, plans 2 story and basement, 80 x 110 ft. rein.-con. plant, here. $100,000. Architect not selected.

Pa., Etna (Pittsburgh P. O.)—Etna Buick Co., 425 Butler St., having plans prepared by C. R. Geisler, archt., Ferguson Bldg., Pittsburgh, 2 story, 75 x 100 ft. concrete and brick addition to garage, Maplewood and Spring Sts. $40,000.

Pa., Phila.—See "Buildings."

W. Va., Martinsburg—Dunn Woolen Mills having plans prepared 2 story, 36 x 200 ft., rein.-con. and brick mill. Private plans.

N. C., Belmont—Eagle Yarn Mills Co. plans 10,000 spindle cotton mill. W. B. Puett, pres.

N. C., Belmont—Stowe Spinning Co. plans 22,000 spindle cotton mill. S. P. Stowe, pres.

O., Cleveland—Forest City Fdry & Mfg. Co., 1220 Main Ave., plans 1 story, brick and steel foundry, West 90th St. along tracks of Cleveland, Cincinnati, Chicago & St. Louis R.R. $200,000. Architect not selected.

O., Cleveland—Cleveland Metal Products Co., 7609 Platt Ave., had plans prepared by G. S. Rider & Co., archts. and engrs., Century Bldg., altering brick and steel factory and elevated track, 7600 Platt Ave. $75,000.

Every state in the Union was represented in Construction News of Feb. 1 except Arizona and Montana.

O., Cleveland—E. J. Redmond Electric Co., c/o E. J. Redmond, 711 St. Clair Ave., plans 2 story, 30 x 120 ft., brick and steel factory and warehouse, 1529 St. Clair Ave. $40,000. Private plans.

Ind., Crawfordsville—R. R. Donnelley & Sons Co. soon lets contract 1 story printing plant, brick. $1,000,000. H. Shaw, 39 South State St., Chicago, archt.

Mich., Detroit—Dispatch Laundry Co., 409 West Larned St., plans 4 story, 100 x 196 ft. rein.-con. brick and steel laundry, plain foundation, Grand River Ave. $200,000. Architect not selected.

Ill., Chicago—Commonwealth Edison Co., Adams and Clark Sts., having plans prepared by Graham, Anderson, Probst & White, archts., 80 East Jackson Blvd., 4 story, 118 x 211 ft., rein.-con., brick and steel central station, first unit, Crawford Ave. Total $10,000,000. Sargent & Lundy, 89 West Adams St., mechanical engrs.

Ill., Chicago — E. Katzinger & Co., 910 West Washington Blvd., having plans prepared by A. S. Alschuler, archt., 28 East Jackson Blvd., 2 story and basement, factory, 200,000 sq.ft. floor space, rein.-con., brick and steel, Armitage and Cicero Sts. $1,000,000.

Ill., Granite City — St. Louis Coke & Chemical Co. plans new blast furnace. $1,500,000. C. R. Holzworth, genl. supt.

Wis., Fond du Lac — W. E. Pierce, 179 North Park St., plans 2 story, 50 x 110 ft., garage, service building and repair shop, brick, rein.-con. and steel, plain foundation. $50,000. Architect not selected.

Wis., La Crosse — Lutheran Hospital Assn., c/o F. Techmer, chn., 1248 Jackson St., having plans prepared by O. A. Merman, archt., Linker Bldg., 2 story power plant, brick, rein.-con. and steel, plain foundation. $125,000.

Wis., La Crosse—See "Buildings" under nurses home.

Wis., Milwaukee—E. A. Swendson, 714 Natl. Ave., having plans prepared by W. J. Kozick, archt., 664 26th St., 1 story and basement, 160 x 220 ft., brick and concrete garage, plain foundation. $80,000.

Wis., Milwaukee—Pittsburgh Plate Glass Co., 205 Lake St., having plans prepared by Kirchoff & Rose, archts., 221 Grand Ave., 5 story and basement, 87 x 140 ft., brick and concrete plant, plain foundation, Lake St.

Wis., Portage—Nehl Boat & Furnace Co., c/o W. Nehls, mgr., making plans 2 story, 40 x 110 ft., factory, brick, rein.-con. and steel, plain foundation. $50,000. Private plans.

Wis., Racine — Lockwood Oil Co., 1421 Racine St., having plans prepared by A. L. Flegel, archt., c/o owner, 1 story and basement, 40 x 80 ft., filling station and warehouse, brick and concrete, plain foundation. $40,000.

Wis., Stetsonville — Ripon Produce Co., 110 North Depot St., Marshfield, having plans prepared by G. A. Krasin, archt., Marshfield, 1 story, 58 x 96 ft., brick, rein.-con. and steel dairy, plain foundation. $50,000.

Wis., Sturgeon Bay—Lakeshore Motors Co., c/o R. Herbold mgr., plans 2 story, 60 x 90 ft. addition to machine shop, brick, rein.-con. and steel, plain foundation. $40,000. Architect not selected.

Kan., Eldorado—Evans Thewing Refinery Co., 624 Finance Bldg., Kansas City, Mo., had plans prepared brick, rein.-con. and steel refinery, here. $500,000. Private plans.

Neb., Columbus—Swift & Co. had plans prepared creamery, 11th Ave. $75,000. W. W. Whitter, mgr.

Mo., Kansas City—Acme Cleaning Co., 27th and Main Sts., having plans prepared 2 story and basement, 110 x 150 ft., rein.-con. and brick plant, Linwood and McGee Aves. $200,000. Private plans.

Tex., Dallas—De Witt & Lemmon, archts., Southwestern Life Bldg., soon take bids 2 story, 60 x 100 ft., rein.-con. and brick garage, plain foundation, Pearl and Cora Sts., for Nachtrieb Motor Co., 2114 Main St. $60,000.

Tex., Dallas—French Carbon & Battery Co., 2317 Winnebago St., Madison, Wis., plans warehouse and sale building, here. $250,000. A. Folsen, 531 South Ervay St., Dallas, mgr.

Tex., Port Arthur—Gulf Refining Co. plans addition to refinery. $500,000.

Tex., Sherman—Diamond Ice Co. had plans prepared and soon takes bids 2 story, 52 x 120 ft., rein.-con. and brick plant, plain foundation, 30 ton capacity. $100,000. Architect not announced.

Tex., Sugarland—Imperial Refinery Co. making plans increasing output of sugar plant from 3,500-5,000 bags per day. I. H. Kempner, pres.

Tex., Sweetwater—Universal Gypsum Co., c/o Chamber Commerce, had plans prepared plaster and wall board factory. $100,000. Architect not announced.

Okla., Oklahoma City—C. Bennett & Co., 701 West 15th St., plans 2 story, 100 x 140 ft. automobile building, rein.-con., 5th and Robinson Sts. $150,000. Dodge Co., lessee.

Wash., Seattle — Pacific Steamship Co., Admiral Line, L. C. Smith Bldg., plans shipping terminal, incl. warehouses, office building, three 1,100 ft. piers. $3,000,000.

Wash., Spokane—Hedlund Box and Lumber Co., North 802 Stone St., plans 120 x 240 ft. sawmill. $75,000-$100,000.

Wash., Tacoma—Tacoma Mill Co. plans large sawmill to replace one destroyed by fire. W. Y. Hanry, 817 North Yakima St., pres.

Wash., Vancouver—Columbia River Paper Co. plans paper and pulp mill, sulphite mill, lumber mill and box factory. F. W. Leadbetter, pres.

Calif., Orland—Grant & Goldstein plan 1 story, 80 x 100 ft., rein.-con. garage.

Calif., Richmond—J. P. Stron, 1229 Macdonald Ave., plans 1 story, rein.-con. garage and auto salesrooms. $50,000. Architect not selected.

Calif., San Jose—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, plans warehouse and garage, Lenzen and Stockton Aves. $75,000.

Calif., Stockton—Miller Ice Cream Co., 2941 Bway., Oakland, plans ice cream plant, Willow and Eldorado Sts., here. To exceed $50,000.

Ont., Brantford—Glen Motors Ltd., Bank of Toronto Bldg. plans 1 story, 500 x 1,000 ft. concrete, brick and steel factory. $750,000. Architect not selected.

Ont., Humberstone — Humberstone Shoe Co. plans 2 or 3 story factory, probably concrete, brick and steel. $60,000. Private plans.

Ont., Mount Dennis—Electroplax Mfg. Co., York Bldg., Toronto, having plans prepared by H. M. Hyland, engr., York Bldg., Toronto, concrete, brick and steel factory, to replace one destroyed by fire. $100,000.

Ont., Norwich—C. G. Orth plans garage and repair shop. $40,000.

Ont., Toronto—Coca Cola Co., 65 Bellwoods Ave., having plans prepared by Harkness, Loudon & Hertzberg, archts., Confederation Life Bldg., 2 story and basement, 80 x 100 ft. rein.-con., brick

Industrial Works (Continued)
and steel factory. Broadview Ave. $150,000.

Ont., Toronto—Cutten & Foster, 302 Church St., having plans prepared by W. F. Sparling & Co., archts., 54 University Ave., 3 or 4 story and basement, rein.-con. factory. $150,000.

BIDS DESIRED

Pa., Phila.—J. T. Windrim, archt., Land Title Bldg., taking bids 2 story and basement, 83 x 104 ft. rein.-con., brick and steel sub-station, Trenton and Turner Sts., for Phila. Electric Co., 10th and Chestnut Sts. $150,000.

O., Cleveland—Perfection Trailer & Mfg. Co., 1453 West 110th St., taking bids and opens same about Feb. 15, 2 story, 100 x 200 ft., brick and steel factory. $60,000. A. L. Hohlfelder, genl. mgr. H. W. Grieme, 110 Engineers Bldg., archt.

Mich., Grand Rapids—Poolman Furniture Co. taking bids 3 story, 30 x 42 ft. brick and steel factory, plain foundation, Ionia St. $50,000. H. Weemhoff, Murray Bldg., archt.

Wis., Chilton—Hingiss & Bessler, at Kiel, and W. F. Neumann, archt., 114 Grand Ave., Milwaukee, taking bids 1 story and basement, 60 x 150 ft., brick and concrete garage, plain foundation. $40,000. Noted Jan. 18.

Wis., Cudahy—E. R. Liebert, archt., 432 Bway., Milwaukee, taking bids on structural steel for 3 story, 100 x 110 ft. yeast house, brick, steel and concrete, plain foundation, here, for Milwaukee Vinegar Co., 79 Buffalo St., Milwaukee.

Calif., San Francisco—A. Burgren, archt., 110 Sutter St., receiving bids 2 story, rein.-con. and brick factory addition, Mission and Ottis Sts., for Pacific Embroidery Co., 130 Sutter St. $40,000.

BIDS RECEIVED

Wis., Milwaukee—See "Buildings."

Minn., Minneapolis—State Bd. Control, Capitol, St. Paul, opened bids Feb. 2, 3 story and basement, rein.-con., brick and tile storehouse and shop buildings, State "U" campus, general contract from Madsen Constr. Co., 848 Builders Exch., $135,000; H. O. McMillan, 2 5th St. S. E., $137,592; J. and W. A. Elliott, 906 Lumber Exch., $139,540. Noted Feb. 1.

Calif., San Francisco—L. R. Lurie Co., Mills Bldg., 2 story, 120 x 192 ft., rein.-con. garage, Fell and Gough Sts., from Vukichevich & Bagge, 180 Jessie St., $125,000. Pacific Telephone & Telegraph Co., 333 Grant Ave., lessee. Noted Jan. 25.

CONTRACTS AWARDED

R. I., Providence—Patton-MacGuyer Co., 31 Mathewson St., 1 story and basement, 50 x 120 ft. factory, brick and timber, plain foundation, Manucentre St., to C. I. Bigney Constr. Co., 357 Westminster St. Archts. est. $40,000.

Conn., Waterbury—Amer. Brass Co., Meadow St., 3 story, 80 x 110 ft. factory addition, brick and steel, Jewelry St., to Tracy Bros. Co., 52 Benedict St. Archts. est. $75,000.

N. Y., Buffalo—Statler Hotels Co., Inc., Mohawk St. and Delaware Ave., 5 story, 132 x 181 ft., rein-con., brick, stone and steel garage, Mohawk St., to Hotel Statler Co. Constr. Dept., Mohawk St. and Delaware Ave., $400,000. Noted May 25.

N. Y., Jamestown—Jamestown Metal Desk Co., 104 Blackstone Ave., 1 story, 100 x 200 ft., brick and stone factory addition, to Shellberg & Lindquist, Jamestown (street address not available). Former contract rescinded. Noted Jan. 11.

Pa., Erie—Union Storage Co., 819 Commerce Bldg., 8 story and basement, 78 x 100 ft. concrete and brick warehouse, to Ferro Concrete Constr. Co., 3rd and Elm Sts., Cincinnati, O. Noted Nov. 23.

Pa., Phila.—Phila. Paper Mfg. Co., River Rd., factory on Randolph and Willow Sts., to J. S. Rogers Co., Drexel Bldg., $225,000.

Pa., Pittsburgh—B. H. Prack, archt. and engr., Keystone Bldg., brick and masonry contracts for 1 story and mezzanine, 80 x 200 ft. factory, Fulton and Page Sts., to Davis-Smith Co., 516 Federal St., heating, to J. A. Langdon, 2030 5th Ave., plumbing to Sauer Plumbing Co., 804 Chestnut St., for B. P. Tracey, 901 Pennsylvania Ave. Noted Jan. 25.

Pa., Reading—Ballinger & Co., archts., 12th and Chestnut Sts., Phila., 7 story and basement, 80 x 259 ft. factory, to J. W. Ferguson Co., 152 Market St., Paterson, N. J., for Reading Hardware Co., 6th St. Noted Jan. 25.

Pa., Scranton—Fairmont Creamery Co., 610 West Linden St., 2 story and basement, 70 x 100 ft. plant, steel frame, 6th and Linden Sts., to L. T. Stipp, 635 Wheeler Ave. Archts. est. $45,800.

Pa., Wilkes-Barre—Shepherd Constr. Co., Miners Bank Bldg., will build 12 warehouse buildings, incl. one 3 story, 140 ft. long, fireproof, South Main St. by day labor. $100,000. W. C. Shepherd, pres. Architect not announced.

Md., Baltimore—L. E. Jones Wire & Iron Wks., 321 North Calvert St., 4 story addition to factory, brick, 321 North Calvert St., to C. E. Ehman & Son, 703 Woodbourne Ave. Archts. est. $40,000.

O., Cleveland—Euclid Prospect Co., c/o A. G. McKee Co., archts., 2422 Euclid Ave., 2 story 48 x 77 ft., brick, steel and concrete garage, 2443 Prospect Ave., to Forschner Co., East 10th St. and St. Clair Ave. Archts. est. $40,000. Noted Feb. 1.

O., Cleveland—W. Rosensweig, Society for Savings Bldg., 1 story, 88 x 100 ft., brick and steel garage, 3834 Prospect Ave., to Attenson & Attenson, 5818 Thackery Ave. Archts. est. $40,000. Noted Jan. 25.

O., Niles—Ohio Galvanizing Co., 1 story, 76 x 120 ft., brick, steel and concrete factory addition, to Warren Eng. Co., Warren.

Mich., River Rouge — Ford Motor Co., Highland Jark (Detroit P. O.) 1 and 2 story, 150 x 300 ft., rein.-con., brick and steel plant, to H. G. Christman Co., 315 Stevens Bldg., Detroit.

Ill., Chicago — Pettibone-Mulliken Co., 4710 West Division St., 1 story, 130 x 400 ft. warehouse, 45 ft. high, rein.-con., brick and steel, to Bowie-Lydon & Co., 340 West Harrison St. Archts. est. $200,000.

Ill., Forreston — Illinois Central R.R., 135 East 11th Pl., Chicago, gravel washing plant, incl. power plant, here, to W. J. Zitterell & Co., Webster City, Ia. Estimate $200,000.

Wis., Milwaukee — P. O. Kopplin, 1145 12th St., 2 story and basement, 40 x 120 ft., brick and timber factory, plain foundation, Cherry St., to H. Danischefsky, 1484 Humboldt Ave. $40,000. Private plans.

Wis., Milwaukee—South Side Malleable Castings Co., 14th and Windlake Aves., 1 story, 180 x 240 ft., annealing plant, brick and steel, plain foundation, 14th Ave., to H. A. Kroening, 893 Layton Blvd. Archts. est. $60,000.

Wis., Racine—Horlick Malted Milk Co., Horlicksville, 1 story, 70 x 120 ft., brick and concrete garage, plain foundation, Northwestern Ave., to Bondgard & Christensen, Mound Ave. and Mead St. Archts. est. $40,000.

Minn., St. Paul — Natl. Furniture and Stove Co., University and Raymond Aves., 2 story and basement, 43 x 141 ft. warehouse, rein.-con. and brick, Dudley St. and Wycoff Ave., general contract to A. G. Erickson, 410 North Prior Ave., $39,500.

Mo., Kansas City—Amer. Butter Co., 517 Delaware St., 5 story and basement, 75 x 130 ft., rein.-con., brick and terra cotta warehouse, Pershing Rd., to Fogel Constr. Co., 619 Reliance Bldg., $130,000. Archts. est. $165,000. Noted Jan. 4.

Tex., Graham—M. K. Graham, 2 story, brick garage, plain foundation, to W. O'Connell, Graham, $45,000.

Nev., Gerlach—Pacific Portland Cement Co., Pacific Bldg., San Francisco, cement plant and townsite incl. hotel, cottages, auditorium, power house, etc., here, to Cahill Bros., 110 Sutter St., San Francisco. Noted Feb. 1 under "Buildings."

Calif., Isleton—J. F. Butts Co., 2 Pine St., San Francisco, 1 story, 100 x 260 ft. cannery, here, to Davison & Nicolsen, 180 Jessie St., San Francisco, $40,000. Noted Nov. 30.

Buildings

PROPOSED WORK

N. H., Gorham—High School—School Dept. plans 2 story and basement, brick. $150,000. Architect not selected.

Mass., Boston — Apartment — Rotman & Herwitz, c/o Silverman, Brown & Heenan, 51 Cornhill, having plans prepared 4 story, 75 x 125 ft., rein.-con. and brick, Warner St. $450,000.

Mass., Chicopee — Club House — Polish Natl Home, c/o J. J. Chmura, 211 Exchange St., plans 5 story, brick and steel, plain foundation, Centre St. $150,000. $160,000. G. P. Dion, 30 Church St., archt.

Mass., Middleboro—High School—School Dept. plans 2 story and basement, brick and steel, North Main St. $150,000. E. I. Wilson, 109 State St., Boston, archt.

Mass., South Hadley — Dormitory — Mt. Holyoke College plans 3 story, brick, steel and concrete, Campus, to replace one recently destroyed by fire. $175,000. M. E. Woolley, pres. Architect not announced.

Mass., Westford (Graniteville)—School Comn. plans 2 story and basement, brick and steel. $150,000. Architect not selected.

Mass., Weymouth — High School — Bd. Educ. having plans prepared by H. B. & Prescott, archt., 12 Pearl St., Boston, 2 story and basement, brick. $250,000.

R. I., Edgewood (Providence P. O.)—Library—Hall Library Comn., c/o G. F. Hall, archt., Union Trust Bldg., Providence, having plans prepared 2 story, brick and stone, here. $300,000.

R. I., Pawtucket—Club and Business—Loyal S. S. Collier Lodge, I. O. O. F. Bldg. plans 5 story, brick and steel, Broad and Manchester Sts. $200,000. Architect not selected.

Conn., Groton—High School—School Bd. plans 2 story and basement, Main St. $250,000. Architect not announced.

Conn., Hartford—Bank and Office—Dennison & Hirons, archts., 288 Lexington Ave., New York City, soon let contract 7 story, about 70 ft. high, 60 x 170 ft., stone, marble and concrete, Main St. at City Hall Sq., for Phoenix Natl. Bank. $500,000. Noted Nov. 16.

Conn., Hartford—Orphanage—Hartford Orphan Asylum, 171 Putnam St., had plans prepared by G. Atterbury, archt., 139 East 53rd St., New York City, 2 story, 30 x 100 ft. with 20 x 40 ft. ell, Bloomfield and Albany Aves. $200,000. Noted Jan. 12, 1922.

Conn., Hartford — School — Northwest School Dist. plans 2 story and basement, brick and concrete. $275,000. A. Cameron, 264 Edgewood St., member. Architect not selected.

Conn., Middletown — School — School Com. having plans prepared by W. T. Towner, archt., 152 West 42nd St., New York City, 2 story, 60 x 135 ft., brick and steel, Pease Ave. $150,000.

Conn., New Britain—Dormitory—State Bd. Educ., State Capitol, Hartford, plans 3 story, brick, at State Normal School, here. $500,000. Architect not selected.

Conn., Winsted—Theatre—W. H. and S. Mosely, Greenswood Rd., Norfolk, having plans prepared by Taylor & Levi, archts., 105 West 40th St., New York City, 1 and 2 story, brick and steel, Main St., here. $150,000.

N. Y., Brooklyn — Apartment — Norek Constr. Co., Inc., c/o Shampan & Shamuth, archts. and engrs., 188 Montague St., having plans prepared 6 story, brick, steel and stone, plain foundation, Eastern Parkway near Classon Ave. $900,000.

N. Y., Buffalo—Bank—Marine Trust Co., 325 Main St., plans large brick and steel addition, in rear of present structure. $500,000. Architect not announced.

N. Y., Eggertsville — School—Bd. Educ. plans school, Eggertsville Rd. $190,000. Architect not selected.

N. Y., Fayetteville — Clubhouse — Onondaga Golf & Country Club, plans clubhouse, to be built in several units, Seneca Turnpike. $200,000. E. I. White, White Memorial Bldg., Syracuse, pres. Architect and engineer not announced.

N. Y., Geneva—Club—Knights of Columbus, 68 Castle St., plans modern club and home, Main St. $200,000. Architect not announced.

N. Y., Lackawanna (Buffalo P. O.) — Welfare Hall—Bethlehem Steel Co. plans rein.-con., brick and steel, Ridge Rd. $500,000. W. A. James, c/o owner, engr.

N. Y., New York—Apartment—Syndicate headed by Gogin & Ripley, c/o H. O. Chapman, archt. and engr., 334 5th Ave., having plans prepared 9 story, 50 x 120 ft., brick, steel and stone, plain foundation, 951 5th Ave.

Buildings (Continued)

N. Y., Penn Yan—College—Keuka College plans to construct additional building. $500,000. A. H. Norton, pres. Architect not announced.

N. Y., Penn Yan—Hospital—Soldiers & Sailors Hospital, plans new unit to hospital, modern construction. $175,000. E. J. Walker, member building com. Architect not announced.

N. Y., Utica—Theatre—W. H. Linton, c/o T. W. Lamb, archt. and engr., 644 8th Ave., New York City, having plans prepared brick, steel and stone, plain foundation. Lafayette St., here. $150,000.

N. J., Leonia—School—Bd. Educ. having plans prepared by E. Sibley, archt., Bluff Rd., Palisade, brick. $200,000.

Pa., Allentown—Clubhouse—Lodge 120, B. P. O. E., plans extensive alterations to clubhouse, 8th and Walnut Sts. $150,000. Architect not announced.

Pa., Bellefonte—Theatre—H. J. Thompson, Curwensville, plans 2 story and basement, 60 x 100 ft. rein.-con., brick and steel, High St., here. $150,000. Architect not selected.

Pa., Canadensis—Hotel—Price Bros. plan hotel. $350,000. Architect not announced.

Pa., Hazelton—Hotel—G. B. Markle, 227 East Broad St., soon takes bids 9 and 10 story and basement, 95 x 150 ft. rein.-con., brick and steel, Broad and Church Sts. $2,000,000. Thomas, Martin & Kirkpatrick, Otis Bldg., Phila., archts.

Pa., Oil City—Hotel—Oil City Hotel Co. plans 100 room addition to Hotel Arlington. $150,000. Architect not announced.

Pa., Phila.—Auditorium and Clubhouse—University of Pennsylvania, 34th and Spruce Sts., takes bids in spring, brick and stone auditorium, clubhouse and power plant, 34th and Spruce Sts. $3,000,000. P. Cret, 1512 Chestnut St., archt.

Pa., Williamsport—Church—West 4th St. Methodist Church takes bids in spring, 1 story and basement, 90 x 110 ft. brick, 4th St. and Cemetery. $150,000. W. W. Sholl, pastor.

Md., Baltimore — Apartment — Wyatt & Nolting, archts., Keyser Bldg., prepared plans 9 story, 192 x 241 ft., rein.-con. and brick, steel frame, University Parkway. $800,000. Owner's name withheld.

Md., Baltimore—Clubhouse—Knights of Columbus, Madison and Cathedral Sts., having plans prepared by G. R. Callis, Jr., archt., Amer. Bldg., 4 story, 60 x 119 ft., brick, Madison and Cathedral Sts. $150,000.

Md., Baltimore—Office—Home Friendly Society, 1026 Linden Ave., having plans prepared by C. N. and N. Friz, archts., Lexington Bldg., 10 story, 60 x 150 ft., brick and steel, Park Ave. and Centre St. $500,000. H. F. Doeleman, 507 North Charles St., engr. Noted Jan. 18.

Md., Baltimore — School, Parish House and Convent—St. Edward's Roman Catholic Church, c/o A. Kahler, pastor, having plans prepared by G. R. Callis, Jr., archt., Amer. Bldg., 3 story, 62 x 147 ft. school, 2½ story, 34 x 60 ft. parish house, and 2½ story, 34 x 60 ft. convent, Poplar Grove St. and Lafayette Ave. $150,000.

W. Va., Charleston—Apartment—Kanawha Apartments, Inc., c/o Wysong & Jones, archts., Charleston, having plans prepared 8 story and basement, 90 x 120 ft., brick, tile, steel and terra cotta, Kanawha St. $600,000.

W. Va., Huntington—Bank and Office—Union Savings Bank, 9th St., having plans prepared by Meanor & Handloser, archts., Robson-Prichard Bldg., 12 story and basement, 44 x 78 ft., brick and tile, 4th Ave. and 9th St. $500,000.

W. Va., Huntington—Club and Lodge—Feramorz Grotta, M. O. V. P. E. R., plans 3 story and basement, 75 x 120 ft. $150,000. Architect not selected. Meanor & Handloser, archts., Robson-Prichard Bldg., submitting sketches.

W. Va., White Sulphur Springs—Hotel—White Sulphur Springs Co., Inc., having plans prepared by Elzner & Anderson, archts., Citizens Bank Bldg., Cincinnati, O., 5 story and basement, T shape, brick, steel and limestone. $500,000.

N. C., Charlotte—Courthouse, Jail and Office—City and Mecklenburg Co. plan 12 story, South Tryon St. $1,000,000. Project not definitely decided upon. If not undertaken, city will construct city hall and county will remodel old building. M. E. Boyer, Jr., Trust Bldg., archt.

N. C., Charlotte — Store — Efird Dept. Store, 43 East Trade St., having plans prepared by L. Asbury, archt., Realty Bldg., 6 story, 70 x 83 ft. addition, East 5th St. $150,000.

Fla., St. Petersburg — Hotel — Penflora Restaurant Co., having plans prepared by Van Leyen Schilling, Keough & Reynolds, archts., 3440 Cass Ave., Detroit, Mich., 7 story and basement, 70 x 100 ft., steel, stone and terra cotta, plain foundation. $150,000.

Miss., Vicksburg — Schools — Takes bids about March 19, 3 story school on Cherry St., $200,000. W. A. Stanton, Vicksburg, archt.; 3 story, 140 x 150 ft., Magnolia St., $80,000, M. J. Donovan, Vicksburg, archt.; repair work to schools, $145,000. Noted Dec. 28.

Tenn., Chattanooga—Physicians, etc.—F. Robinson, 709-11 Chestnut St., plans 8 story, 60 x 150 ft., physicians' building and garage, rein.-con. and brick, plain foundation, Georgia Ave. $200,000. Architect not announced.

Tenn., Memphis—Office—Memphis Cotton Exch., 66 South Front St., having plans prepared by Mahan & Broadwell, archts., Amer. Bank Bldg., 14 story, brick and terra cotta, South Front St. and Union Ave., S. E.

O., Cleveland—Club and Office—Cuyahoga Co. Council of Amer. Legion, c/o L. P. Wolfford, secy., East 21st St. and Euclid Ave., plans 13 story and basement, brick, steel and concrete. $900,000. Architect's name withheld.

O., Cleveland — Commercial — Phoenix Mortgage Co., c/o D. Lawrence, secy., Natl. City Bldg., plans 4 story, brick, steel and concrete, East 17th St. and Superior Ave. $150,000. Architect not selected.

O., East Cleveland (Cleveland P. O.)—High School—Feb. 27, to vote on $750,000 bonds for 3 story and basement, 32 room, brick, steel and concrete, Euclid and Grasmere Aves., for Bd. Educ., Cavanaugh & Baer, archts., 2725 Prospect Ave., Cleveland, prepared preliminary plans. Noted Dec. 28.

O., East Cleveland (Cleveland P. O.)—School, etc.—Feb. 27, to vote on $150,000 bonds for 4 room, brick and steel addition to Caledonia School, and concrete grand stand for Shaw High School athletic field. A. Tilden, Prospect and Euclid Aves., dir. Bd. Educ. Architect not selected.

O., Lima—Schools — Bd. Educ. having plans prepared by T. D. McLaughlin, archt., Savings Bldg., for South High, Franklin Junior High and Grade School. $700,000.

Mich., Detroit—Apartment—B. Braver, 271 Hendrie St., having plans prepared by Varney & Varney, archts., 1422 Washington Blvd., 4 story and basement, 92 x 93 ft. brick and steel, plain foundation, Collingwood Ave. $175,000.

Mich., Detroit — Church — West Grand Blvd. Methodist Episcopal Church, having plans prepared by W. E. N. Hunter, archt., 1436 Washington Blvd., 2 story, 100 x 264 ft. brick, steel and stone, plain foundation, West Grand Blvd. $300,000.

Mich., Detroit—Hospital—Detroit Receiving Hospital, Macomb St., plans 4 story, rein.-con., brick and steel addition, plain foundation, capacity 200 beds, Macomb and Antoine Sts. $500,000. Architect not selected.

Mich., Detroit—Theatre—J. M. Robertson, Brook Bldg., having plans completed by C. W. Brandt, archt., Kresge Bldg., 2 story and basement, 140 x 160 ft. rein.-con., brick and steel, plain foundation, Gratiot Ave. and May St. $500,000.

Mich., Pontiac—Hotel—P. R. Rossello, archt., 406 Congress Bldg., Detroit, preparing plans 10 story and basement, 120 x 140 ft. rein.-con., brick and steel, plain foundation. $450,000. Owners name withheld.

Mich., Strathmoor—School Dist. 4, having plans prepared by Verner, Wilhelm & Molby, archts., 602 Book Bldg., Detroit, 2 story and basement, 120 x 135 ft. rein.-con., brick and steel, plain foundation. $200,000.

Ill., Chicago—Apartment—C. F. Henry, 7455 Greenwood Ave., plans two 3 story, 120 x 125 ft., rein.-con., brick and steel, Clyde Ave., one near 69th St., other near 70th St. $150,000 each. Private plans.

Ill., Chicago—Apartment—A. L. Himelblau, archt., 127 North Dearborn St., preparing plans three 3 story, 136 x 390 ft., rein.-con., brick and steel, Addison St. near Glenwood Ave. $600,000. Owner's name withheld.

Ill., Chicago — Apartment — Ludgin & Leviton, Archts., 53 West Jackson Blvd., soon receives bids 3 story, 144 x 150 x 188 x 277 ft., rein.-con., brick and steel, Spaulding and Schubert Aves. $350,000. Owner's name withheld. Noted Nov. 2.

Ill., Chicago—Apartment—P. F. Olsen, archt., 127 North Dearborn St., preparing plans 3 story, 103 x 160 ft., rein.-con., brick and steel, Lakewood Ave. and Sawyer St. $300,000. Owner's name withheld.

Ill., Chicago—Apartment—P. F. Olsen, archt., 127 North Dearborn St., preparing plans 3 story, 125 x 250 ft., rein.-con., brick and steel, Hampden Court near Wrightwood Ave. $450,000. Owner's name withheld.

Ill., Chicago—Office—Graham, Anderson, Probst & White, archts., 82 East Jackson Blvd., preparing plans 16 story, 157 x 160 ft., rein.-con., brick and steel, Canal St. near Jackson St. $7,000,000. Owner's name withheld.

Ill., Chicago — Store and Cafe — F. Loeffler, c/o Loewenberg & Loewenberg, archts., 111 West Monroe St., having plans prepared 2 story, 104 x 125 ft., rein.-con., brick and steel, Cottage Grove Ave. and 64th St. $200,000.

Ill., East St. Louis—Hotel—St. Clair Hotel Co., c/o A. T. Spiver, 511 Missouri Ave., had plans prepared by H. L. Stevens & Co., archt., 30 North Michigan Ave., Chicago, 6 or 7 story, 130 x 145 ft., rein.-con. and brick, concrete pile foundation, Missouri Ave., here. $600,000.

Wis., Appleton—Temple—Appleton Masonic Temple Assn., c/o A. E. Buchanan, pres., 718 College Ave., had plans prepared by Leenhouts & Guthrie, archts., 424 Jefferson St., Milwaukee, 3 story, 62 x 100 ft. and 2 story and basement, 46 x 50 ft. stone and concrete, plain foundation. $150,000.

Wis., Green Bay—Club House—Green Bay Columbus Club, c/o A. K. Bong, Sheridan Bldg., H. A. Foeller, archt., Nicollet Bldg., and H. Carr, archt., Minahan Bldg., soon take bids 3 story and basement, brick and concrete, plain foundation. $150,000.

Wis., La Crosse—Nurses' Home, etc.—Lutheran Hospital, 1910 South Front St., having preliminary plans prepared by O. A. Merman, archt., 210 Linker Bldg., 3 story and basement nurses home and 1 story power house, brick and concrete, plain foundations. $150,000.

Wis., LaCrosse—Schools—Bd. Industrial Educ., c/o J. B. Funke, pres., having plans prepared by O. A. Merman, archt., Linker Bldg., 4 story, 200 x 310 ft., rein.-con., brick and steel, plain foundation. $400,000.

Wis., La Crosse—Schools—School Bd. and Bd. Industrial Educ. having preliminary plans prepared by O. A. Merman, archt., 210 Linker Bldg., for Lincoln Grade School, 8th and Division Sts., $200,000; North Branch Grade School, George St., North La Crosse, $30,000; Longfellow Vocational School, 6th and Vine Sts., $200,000.

Wis., Milwaukee—Business—R. Strandt Co., 862 Teutonia Ave., having plans prepared by C. H. Tharinger, archt., 3328 State St., 3 story and basement, 82 x 150 ft., brick and concrete, plain foundation, 3rd St. $150,000.

Wis., Milwaukee—Church and School—St. Catherine Congregation, c/o R. L. Kuhn, chn. building com., 548 12th St., having plans prepared by Backes & Pfaller, archts., 216 West Water St., 2 story, brick and tile, or stucco and tile, plain foundation, Center St. $150,000. Noted Dec. 28.

Wis., Milwaukee—Exchange—Wisconsin Telephone Co., 418 Bway., having plans prepared by A. C. Eschweiler, archt., 141 Wisconsin St., 5 story, 120 x 120 ft. addition, brick, steel and concrete, Bway. $500,000.

Wis., Milwaukee—Office and Store—A. J. Straus, 97 Wisconsin St., having preliminary plans prepared by Van Ryn & De Gelleke, archts., 114 Grand Ave., 11 story and basement, 40 x 90 ft., brick, plain foundation, Grand Ave. and 3rd St. $300,000-$400,000. Noted Jan. 11.

Wis., Oconomowoc—Seminary—Redemptorist Fathers had plans prepared by A. C. Eschweiler, archt., 141 Wisconsin St., Milwaukee, 2 wings each, 3 story and basement, 40 x 126 ft., brick and concrete, plain foundation. $400,000.

Wis., Racine—Academy—St. Catherine's Academy, 1201 Park Ave., plans 2 and 3

Buildings (Continued)

story and basement, L shaped, brick and concrete, plain foundation, Park Ave. $150,000. Architect not selected.

Wis., South Milwaukee—School, Church, etc.—St. John's Congregation, 800 Marquette Ave., having preliminary plans prepared by A. C. Eschweiler, archt., 141 Wisconsin St., Milwaukee, 2 story and basement, 34 x 100 ft., (1st unit) brick and tile, plain foundation. $200,000.

Minn., St. Paul — Auditorium — Dept. Educ. had sketches made by F. X. Tewes, city archt., City Hall, 3 or 4 story, rein.-con., brick, tile and steel addition, 4th St. and Franklin Ave. $500,000. L. R. S. Ferguson, City Hall, comr.

Minn., St. Paul—Hospital—Northwest Baptist Hospital Assn., plans 3 or 4 story and basement, rein.-con., brick and tile, University and St. Anthony Aves. $400,000. R. Earl, 1210 Lowry Bldg., chn. Bd. Dir. Architect not announced.

Minn., St. Paul — Schools — Dept. Educ. plans 2 senior high schools, one in Rice St. Dist., other in Dayton Dist., $600,000 each; 3 junior high schools, one in Macalester Dist., one near Victoria St. and Marshall Ave., other at Walsh Ave. and Jenks St., $400,000 each; remodeling junior high school at Baldwin Ave. and Grant St., $400,000. F. X. Tewes, City Hall, city archt.

Kan., Emporia—Bank—Commercial Citizens Natl. Bank had plans prepared by Weavy & Alford Co., archts., 1923 Cain Ave., Chicago, 5 story and basement, 45 x 130 ft., rein.-con., brick and stone, 6th and Commercial Sts. $300,000.

Mo., Kansas City—Hotel and Apartment—Rush & Willett, 507 Lathrop Bldg., having preliminary plans prepared by Lodge & Gornall, archts., 1505 Commerce Bldg., 8 story and basement, rein.-con., brick, stone and terra cotta, Valentine Rd. and Bway. $500,000.

Mo., Kansas City — Institute — Deaner Dental Institute, 3520 Bway., having plans prepared by A. F. Adams, archt., 600 Walnut St., 4 story and basement, 52 x 126 ft., rein.-con. and stone, Hunter and Baltimore Aves. $150,000.

Mo., Springfield—Passenger Depot—St. Louis & San Francisco R.R., St. Louis, having plans prepared passenger depot, Mill and Main Sts., here. $500,000. F. G. Jonah, St. Louis, ch. engr.

Mo., University City—Schools—Voted $135,000 bonds for high school, $115,000 bonds 12 room grade school, $12,000 bonds site new grade school. W. B. Ittner, 911 Locust St., St. Louis, archt.

Tex., Dallas—Church—Central Christian Church, c/o G. Frank, Masten and Patterson St., having preliminary plans prepared converting present 2 story brick church into 6 story community house, church and dormitory. $350,000. Architect not announced.

Tex., Houston—Club—Y. W. C. A., 1014½ Prairie Ave., plans club, incl. dormitory for 125 persons. $325,000. Architect not announced.

Tex., Livingston—Court House—Polk Co. having plans prepared by McClelland & Fink, archts. and engrs., Woodworth Bldg., Houston, for court house. $200,000. E. T. Murphy, co. judge.

Okla., Ardmore—Temple—Masonic Lodge, c/o G. E. Dannis, Box 301, plans to raise $500,000 for a 3 story and basement, rein.-con. and brick. Architect not selected.

Okla., Oklahoma City — Office — S. M. Gloyd, Continental Bldg., plans 8 story, 75 x 100 ft., rein.-con., Bway. and Main St. $200,000.

Okla., Okmulgee—Hotel—Creek Hotel Co. had plans prepared by Smith & Senter, archts., 401 Commerce Investment Bldg., and soon take bids 9 story and basement, 100 x 140 ft., rein.-con., brick, steel, stone and terra cotta, 3rd and Morton Sts. $1,000,000.

Wash., Seattle — Office — See "Industrial Works."

Wash., Seattle—Office and Store—Shafer Bros. Land Co., Arcade Bldg., having plans prepared by H. E. Blackwell, archt., 112 Harvard St. N., 10 story, 53 x 120 ft., rein.-con. and brick, 6th and Pine Sts. $500,000.

Calif., Centerville—High School—Washington Union High School Dist., having plans prepared by H. H. Meyers, archt., Kohl Bldg., San Francisco, brick and concrete.

Calif., Fresno — Fire Stations — Plans election to vote on $250,000 to $300,000 bonds to construct fire stations and purchase additional equipment. W. Stranahan, city engr.

Calif., Glendale — Schools — Glendale School Dist. plans election to vote on $450,000 to $500,000 bonds to purchase additional sites, erect new schools and additions to present structures.

Calif., Hollywood — Club — Hollywood Athletic Club having plans prepared by Milwaukee Bldg. Co., archts., Wright and Callendar Bldg., Los Angeles, 2 story, rein.-con. and hollow tile club, and 9 story annex for dormitory quarters. To exceed $200,000.

Calif., Huntington Beach — School — Huntington Beach Grammar School Dist. to vote on $250,000 bonds for school. Architect not selected.

Calif., Los Angeles—Loft and Store—Alexander & Oviatt, c/o Walker & Eisen, archts., Pacific Finance Bldg., having sketches made 12 story, fireproof, Olive St. To exceed $500,000.

Calif., Oakland—Office—C. and E. G. Burg, 2235 Macdonald Ave., Richmond, plans fireproof office, 12th and Franklin Sts., here. To exceed $150,000. Architect not selected.

Calif., San Diego—Library—April 3, to vote on $175,000 bonds enlarging public library. A. H. Wright, city clk.

Calif., San Francisco — Apartment — T. McDougall, c/o J. L. Stewart, archt., Claus Spreckels Bldg., having plans prepared 8 story and basement, rein.-con., Western Addition. $265,000.

Calif., San Francisco—Apartment—A. F. Rousseau, French Bank Bldg., had plans prepared by D. C. Coleman, archt., 110 Sutter St., 6 story and basement, rein.-con., Geary and Leavenworth Sts. $250,000. Noted March 2.

Calif., San Francisco—Apartment—San Francisco capitalists organizing company and having sketches prepared by J. L. Stewart, archt., Claus Spreckels Bldg., 15 story, fireproof, probably rein.-con. $300,000.

Calif., San Francisco—Hotel—V. W. Houghton, archt., 275 Post St., preparing preliminary plans 7 story, fireproof, downtown section of city. $150,000. Owner's name withheld.

Calif., Santa Barbara—Temple—Masonic Temple Assn. having plans prepared by C. Werner, archt., Santa Fe Bldg., San Francisco, 3 story, rein.-con. $250,000.

Calif., Whittier—Apartment and Store—Whittier Hotel Co., c/o Walker & Eisen, archts., Pacific Finance Bldg., Los Angeles, having plans prepared 3 story, brick or concrete, Philadelphia St. $200,000.

Ont., Belleville—College—Albert College having plans prepared by Chapman, Oxley & Bishop, archts., Harbor Bldg., Toronto, 3 story and basement, concrete, brick, stone and tile. $300,000.

Ont., Belleville — High School — High School Bd., Dunbar St., plans 15 or 20 room, concrete, brick and steel. $200,000. Architect not selected. J. Diamond, secy.

Ont., Hamilton—School—Bd. Educ. plans 2 story and basement, 12 room, concrete, brick and steel, Murray St. $200,000. Architest not selected.

Ont., Kingston — Hospital — Kingston General Hospital plans clinic hospital, probably concrete, brick and stone. $250,000. Architect not selected.

Ont., Pembroke—School—Bd. Educ., plans concrete, brick and steel. $150,000. W. C. Keighley, Pembroke, archt.

Ont., Peterboro—Church—Salvation Army plans to rebuild 1 and 2 story and basement, brick, recently destroyed by fire. $175,000. Architect not selected.

BIDS DESIRED

N. Y., Brooklyn—Bank—Feb. 19, by Holmes & Winslow, archts. and engrs., 134 East 44th St., New York, 2 story, brick, steel and stone, plain foundation, Atlantic and Pennsylvania Aves., here, for East New York Savings Bank, Atlantic Ave. $500,000. Noted Dec. 14.

N. Y., East Rochester—School—Feb. 10, by O. W. Dryer, archt., 310 Cutler Bldg., Rochester, 2 story and basement, 146 x 172 ft., rein.-con. and steel, East Ave., here, for Bd. Educ. $180,000. Noted April 6.

N. Y., Owego—School—Feb. 23, by Bd. Educ., 2 story, 120 x 145 ft., brick. $270,000. Coffin & Coffin, 522 5th Ave., New York City, archts. Noted Sept. 21.

N. J., New Brunswick — Animal Husbandry—Feb. 26, by B. G. Lewis, comr., State House, Trenton, 2 story and basement, 80 x 105 ft., brick and limestone, here, for State Agricultural College. $150,000. A. B. Mills, State Office Bldg., Trenton, engr.

Pa., Ellwood City—School—Feb. 15, by G. B. Hancher, secy. Bd. Educ., 2 story, 22 room, brick and steel, 4th and Crescent Sts. $200,000. E. A. Stotz, Monongahela Bank Bldg., Pittsburgh, archt.

Pa., Middletown—Home—I. O. O. F., 17th and Tioga Sts., Phila., taking bids 2 story and basement, 38 x 229 ft. with two 33 x 154 ft. wings, brick, steel and stone, plain foundation, here. $750,000. W. H. Lee, 32 South 17th St., Phila., archt. Noted Nov. 30.

Pa., Monongahela—High School—Feb. 15, by Bd. Educ., and W. G. Eckles Co., archts., Lawrence Savings & Trust Co., New Castle, 2 story and basement, 75 x 300 ft. $200,000. Noted Nov. 2.

Pa., Phila.—Apartment—J. E. Fieldstein, archt., Otis Bldg., taking bids 4 story and basement, 25 x 145 ft. brick, steel and stone, plain foundation, 1300 North Broad St. $150,000. Owner's name withheld.

Pa., Phila.—Apartment—T. H. Harges, 501 North 52nd St., taking bids 6 story and basement, 124 x 208 ft. rein.-con. and brick, plain foundation, 46th and Walnut Sts. $250,000. Private plans.

Pa., Troy—School—Feb. 27, by Bd. Directors Boro. Schools, 2 story and basement, 110 x 140 ft. brick and steel. $150,000. W. R. Croman, secy. Lawrie & Green, 222 Market St., Harrisburg, archts.

Md., Baltimore—School—Feb. 14, by Bd. Awards, 3 and 4 story, 87 x 237 ft., rein.-con. and brick, 36th St. west of Falls Rd. $450,000. W. W. Emmart, Union Trust Bldg., archt.

W. Va., Williamson—Bank and Office—A. Acy, archt., 1st Natl. Bank Bldg., taking bids and opens same about Feb. 15, 3 story and basement, 25 x 100 ft., brick, tile, steel, rein.-con. and terra cotta, for Day and Night Bank. $150,000.

Tenn., Memphis — Office — Feb. 28, at office of President of Columbian Mutual Life Assurance Society, Odd Fellows Bldg., 22 story and tower, steel, concrete, granite, clay tile, terra cotta and enamel brick, on 75 x 77 ft. lot. Boyer & Baum, Arcade Bldg., St. Louis, Mo., I.O.O.F. Bldg., Memphis, archts. Noted Dec. 14.

O., Cleveland—Apartment Hotel—Feb. 12, by Commodore Impvt. Co., c/o M. Marmorstein, Ulmer Bldg., 12 story and basement, 122 x 160 ft., brick, steel and concrete, 11327 Euclid Ave. $2,000,000. S. H. White, Schofield Bldg., archt.

O., Columbus—Administration, etc.—Feb. 20, by C. E. Steele, secy. Bd. Trustees Ohio State University, 3 story and basement, 100 x 180 ft. administration building, $300,000, 4 story and basement, 75 x 145 ft. medical science building, $250,000, both brick, stone and concrete on campus. Former bids rejected. J. N. Bradford, Ohio State University, archt. Noted Sept. 14.

O., Columbus — Office — Feb. 14, by Trustees of United Commercial Travelers of America, 636 North Park St., 2 story and basement, 75 x 152 ft., brick, concrete and terra cotta, North Park St. $250,000. T. D. McLaughlin, Savings Bldg., Lima, archt.

O., East Cleveland (Cleveland P. O.)—Apartment—Zuckerman Bros., East 116th St. and Kinsman Rd., Cleveland, taking bids 3 story and basement, 73 x 150 ft., brick and steel, 1744 Wymore Ave., here. $150,000. Steffens & Steffens, Williamson Bldg., Cleveland, archts.

O., Groveport—High School—Feb. 14, by Bd. Educ., 2 story, 120 x 199 ft., brick, steel and concrete, $185,000. W. H. Hanstein, pres. Riebel Sons & Matheny, 1st Natl. Bldg., Columbus, archts. and engrs.

O., Toledo — Church — Feb. 23, by St. Paul's Lutheran Church, 1 story and basement, brick, steel and stone. $300,000. J. W. C. Corbusier, B. F. Keith Bldg., Cleveland, archt. Langdon, Hohly & Gran, Nicholas Bldg., associated archts.

Mich., Albion—Hospital—Feb. 19, by P. P. Nagle, city clk., 3 story, rein.-con., brick and steel, plain foundation, for City. $175,000. A. Wood, 3513 Woodward Ave., Detroit, archt.

Buildings (Continued)

Mich., Detroit — Apartment — M. H. Finkel, archt., 919 Majestic Bldg., taking bids and opens same about Feb. 15, 11 story and basement, 100 x 120 ft. rein.-con., brick and steel, plain foundation, Cass Ave., for H. Silverman, 1030 Penobscot Bldg.

Mich., Grand Rapids—High School—Feb. 15, by Bd. Educ., City Hall, 3 story addition to Union High School, rein.-con., brick and steel, plain foundation. $200,000. H. H. Turner, 919 Michigan Trust Bldg., archt.

Ill., Chicago—Apartment—H. I. Dalsey, archt., 2321 West North Ave., receiving bids 3 story, 125 x 125 ft., rein.-con., brick and steel, 2619-29 Greenview Ave. $150,000. Owner's name withheld.

Ill., Chicago—Apartment—Feb. 17 by H. J. Leidberg, archt., 154 West Randolph St., 3 story, 150 x 390 ft., rein.-con., brick and steel, Sheridan Rd. near Grace St., for A. Wille, c/o architect. $800,000.

Ill., Chicago—Apartment—Lundstrom & Carlson, 7240 South Park Ave., receiving bids 3 story and basement, 130 x 157 ft., rein.-con., brick and steel, Jefferson Ave. and 72nd Pl. $250,000. L. G. Hallberg & Co., 116 South Michigan Ave., archts.

Ill., Crystal Lake—School—Feb. 15, by Bd. Educ., 2 story, 200 x 200 ft., rein.-con., brick and steel. $200,000. J. C. Llewellyn, 38 South Dearborn St., Chicago, archt.

Wis., Green Bay—Hospital—Feb. 17, by Deaconess Hospital, 742 Webster St., 3 story and basement, 66 x 147 ft., brick, tile and concrete addition, plain foundation. $150,000. Oppenhamer & Obel, Nicollet Bldg., archts. Noted Aug. 17.

Wis., Kenosha — Schools — Feb. 20 (change of date), by School Bd., two 2 story and basement, 67 x 180 ft., brick, tile and concrete, plain foundations, one on Fairfield Ave., other on North Bronson St. $150,000 each. J. D. Chubb, 109 North Dearborn St., Chicago, archt. Noted Jan. 4.

Wis., Milwaukee—School—Feb. 12, by Brust & Philipp, archts., 405 Bway., 2 story and basement, 60 x 150 ft. brick, tile and concrete, plain foundation, 24th and Cherry Sts., for St. Michael's Congregation, 469 24th St. $150,000.

Minn., Eveleth—Store and Theatre—Feb. 25, by C. Jessmore, 2 story and basement, 51 x 115 ft., rein.-con. and brick. $150,000. C. K. Shand, Eveleth, archt.

Neb., Lincoln—Hospital—Davis & Wilson, archts., 515 Security Mutual Bldg., receiving bids and opens same about Feb. 10, 4 story and basement, 54 x 246 ft., municipal hospital, rein.-con., brick and stone, 7th and Sewell Sts., for city. $200,000. Noted Dec. 7.

Mo., St. Louis—Theatre and Store—Feb. 15, by R. K. Kaufman, c/o Mercantile Trust Co., 721 Locust St., 3 story and mezzanine, 125 x 150 ft., rein.-con. and brick, concrete pile foundation, Washington Ave., for M. Loew, 1540 Bway., New York City. $1,000,000. T. W. Lamb, 644 8th Ave., New York City, archt.

Wash., Seattle—Apartment—Feb. 15, by J. A. Creutzer, archt., Leary Bldg., 6 story and basement, brick, terra cotta and steel, 5th Ave. and Cherry St., for Collins Estate, Leary Bldg. $300,000. Noted Nov. 16.

Calif., Chico—Bank and Office—March 1, by C. Cole, archt., Waterland-Breslauer Bldg., 4 story and basement, brick and concrete, 3rd and Main Sts., for First Natl. Bank. $150,000-$175,000. Former bids rejected.

Calif., Oakland—Store and Office—C. W. McCall, archt., Central Bank Bldg., taking bids 7 story and basement, rein.-con., terra cotta or pressed brick facing, 17th St. near Bway., for Ambassador Realty Co., c/o architect. $160,000 or more.

Calif., Pomona—Bank and Office—Curlett & Beelman, archts., Union Bank Bldg., Los Angeles, receiving bids 5 story and basement, fireproof, for First Natl. Bank of Pomona. To exceed $150,000. Noted Jan. 18.

Calif., San Jose—School—Feb. 20, by State Div. Architecture, Forum Bldg., Sacramento, 2 story home economics building and 1 story manual arts building, both rein.-con., at State Normal School, here. To exceed $150,000.

Ont., Toronto — Church — Feb. 14, by Gordon & Helliwell, archts., Confederation Life Bldg., 1 story and basement, 50 x 100 ft., concrete, brick and steel, Humberside and Quebec Aves. for St. Johns Church. $150,000.

BIDS RECEIVED

N. J., Trenton—Apartment and Store—C. F. Hildebrecht, State and Chauncery Sts., opened bids Jan. 30, 8 story, West State St., general contract, from W. C. Ehret, 39 East State St., $304,823; J. H. Morris & Co., 211 North Montgomery St., $316,226; C. J. Smith, 204 Academy St., $329,497. Noted Jan. 18.

N. J., Trenton Junction (Trenton P. O.)—School—A. H. Moses, archt., 415 Market St., Camden, opened bids Jan. 31, group of 1 story buildings and transformer house, brick, State School for Deaf, here, general contract from G. W. Shaner & Son, Washington St., Palmyra, $154,777; Gibbs-Mueller Co., Heyman Bldg., Phila., $184,950; Wills-Bill & Co., 1708 Sansom St., Phila., $189,980. Noted Jan. 18.

La., New Orleans — Hotel—L. Jacobs, Liverpool & London & Globe Bldg., and A. D. Danziger, Carondelet Bldg., opened bids 4 story, 50 ft. high, 120 x 130 ft. concrete and steel, from Southern Constr. Co., 901 Carondelet Bldg., $133,950; J. A. **Petty**, Godchaux Bldg., $156,000; R. P. **Farnsworth**, 808 Perdido St., $168,000.

Wis., Milwaukee—School, etc.—School Bd. opened bids Feb. 1, 3 story and basement, 68 x 80 ft. school addition and 28 x 40 ft. boiler house, 27th Ave., concrete work, from Jahns & Knuth, 1915 Chestnut St., $32,800; masonry work, from V. Pacholski, 343 Farwell Ave., $25,380; boilers and heating, from Zuehlke-Stoehr Heating Co., 236 24th St. $19,521. Noted Jan. 18.

Neb., Omaha—Club—B.P.O.E., 4th floor, Elks Bldg., 8 story and basement, 132 x 132 ft., brick, stone, steel and concrete, 18th and Dodge Sts., from Vaughn Constr. Co., 322 W.O.W. Bldg., $509,462; C. F. Hagelin & Co., Minneapolis, Minn. (street address not available), $521,600; F. P. Gould & Son, 1137 City Natl. Bank Bldg., $555,800. Noted Jan. 4.

Tex., Dallas — Club—Dallas Athletic Club opened bids Jan. 26, 14 story and basement, rein.con., brick and steel, plain foundation, Elm St., general contract from G. W. Hewitt, 1909½ Elm St., $875,130, Central Contg. Co., Deere Bldg., $878,000, J. J. Garfield, Central and 6th Sts., Albuquerque, N. M., $888,803; electrical work from F. E. Newberry, Southwestern Life Bldg., $35,000, Wright Bros., 122 Avenue C, San Antonio, $41,661, J. W. Johnson & Co., 508 North Akard St., $44,900; plumbing work, from H. W. Greenaway, 214 Hemphill St., Ft. Worth, $186,000, J. J. Madigan, 1713 Orange St., $188,500, Martyn Bros., 415 North Harwood St., $196,140; heating, from C. Wallace Plumbing Co., 2224 Sumner St., $85,590, H. W. Greenaway, 214 Hemphill St., Ft. Worth, $89,000, Kinnison Bros., 311 North Austin St., $96,982; plumbing and heating combined, from Hamilton Co., 2301 Griffin St., $262,350; H. W. Greenaway, 214 Hemphill St., Ft. Worth, $270,000. Archts. est. $1,600,000. Noted Dec. 21.

Calif., Hollywood—Hospital—R. H. Orr, archt., Van Nuys Bldg., Los Angeles, 5 story, 40 x 199 ft. with 40 x 60 ft. wing, rein.-con., Vermont Ave., for Hollywood Hospital, from Simpson & Co., 701 San Antonio St., Los Angeles, $273,230; W. Crowell Co., 2026 West 9th St., Los Angeles, $284,860; Winter Constr. Co., Los Angeles Ry. Bldg., Los Angeles, $285,285. Noted Dec. 28.

Calif., Sacramento—High School—City opened bids Jan. 15, 1 and 2 story, brick, steel, concrete and terra cotta, general contract from K. E. Parker, Clunie Bldg., San Francisco, $421,600, Methews Constr. Co., Forum Bldg., $423,000, W. Murcell, Ochsner Bldg., $426,720; steel work, from Palm Iron & Bridge Wks., 1814 15th St., $58,470; electric work from Newbery Electric Co., 359 Sutter St., San Francisco, $36,000; plumbing and sewer construction from Hateley & Hateley, Mitau Bldg., $27,398; heating and ventilating, from Latourette-Fical Co., 907 Front St., $49,950. Noted Jan. 4.

CONTRACTS AWARDED

Mass., Boston—Apartment—Yarchin & Fluck, c/o Silverman, Brown & Heenan, archts., 51 Cornhill, will build 5 story, 100 x 110 ft., brick and steel, plain foundation, Audubon Rd., by day labor. $150,000. Noted Nov. 16.

Mass., Roxbury (Boston P. O.)—Hospital—New England Baptist Hospital, 11 Parker Hill, 3 story, brick and concrete, plain foundation, Parker Hill and Fisher Ave., to I. F. Woodbury & Sons Co., 185 Summer St., Boston. Archts. est. $150,000. Noted Nov. 16.

Conn., Waterbury—School—St. Francis Xavier Roman Catholic Church, 625 Baldwin St., 2 story and basement, 65 x 140 ft., brick and steel, plain foundation, Baldwin St., to O. Carey, Crescent St. Archts. est. $150,000.

N. Y., Brooklyn—Apartments—Fishberg Constr. Co., c/o M. Courland, archt. and engr., 47 West 34th St., New York, two 4 story, brick, steel and stone, plain foundations, Ocean Ave. and Ave. O, here, by day labor. $150,000 each.

N. Y., Brooklyn—Apartment—Kelner & Kelner, 614 Lincoln Pl., will build brick, steel and stone, plain foundation, Eastern Parkway and Vanderbilt Ave., by day labor. $350,000. Springsteen & Goldhammer, 32 Union Sq., New York, archts. and engrs.

N. Y., Brooklyn—Apartment—A. Seigal, c/o Springsteen & Goldhammer, archts. and engrs., 32 Union Sq., New York, 4 story, brick, steel and stone, plain foundation, Beverly Rd., here, by day labor. $250,000.

N. Y., Brooklyn—School—C. B. J. Snyder, supt. School Buildings of Bd. Educ., Flatbush Ave. extension and Concord St., addition to P. S. 6, brick, steel and stone, plain foundation, Warren St. near Smith St., to C. Meads Co., 217 West 14th St., New York, $184,000. Archts. est. $185,000. Noted Feb. 1.

N. Y., New York—Apartment—Forty-Six West 83rd St. Corp., c/o G. F. Pelham, archt. and engr., 200 West 72nd St., 6 story, brick, steel and stone, plain foundation, Manhattan Ave., by day labor. $275,000.

N. Y., New York—Apartment—S. Shapiro, c/o C. Kreumborg, archt. and engr., 2534 Marion Ave., 5 story, brick, steel and stone, plain foundation, 173rd St. near Ft. Washington Ave., by day labor. $250,000.

N. Y., New York—High School—J. E. Douglass, acting supt. of School Buildings of Bd. Educ., Flatbush Ave. extension and Concord St., Brooklyn, George Washington High School, brick, steel and stone, easterly side of Audubon Ave. about 432 ft. north of West 190th St., here, to J. T. Brady & Co., 103 Park Ave., $2,311,385. Noted Jan. 11.

Pa., Phila.—Bank and Office—Fifteenth and Chestnut Sts. Realty Co., c/o W. B. Saul, Land Title Bldg., 24 story and subbasement, 72 x 230 ft. rein.-con., brick and steel, caisson foundation, 15th and Chestnut Sts., to Thompson-Starrett Co., 49 Wall St., New York City. Archts. est. $3,000,000. Noted Nov. 16.

Pa., Phila.—Loft—S. Sionsky Co., 1033 North Front St., 5 story and basement, 54 x 160 ft., Front and Allen Sts., to Robbins Constr. Co., 1137 North Front St. Archts. est. $175,000. Noted Feb. 1.

Md., Baltimore—Convent—Sacred Heart Convent, 4 story, 80 x 148 ft. stone, Joppa Rd. and Charles St., to J. T. Buckley, 1429 Mt. Royal Ave. Archts. est. $150,000.

Md., Baltimore—School—Mayor and City Council, City Hall, 3 story, 145 x 264 ft., brick, plain foundation, Granada and Oakford Aves., to Price Constr. Co., Maryland Trust Bldg., $456,000. Noted Jan. 25.

Va., Richmond—Office—Imperial Job Co., Ltd., 106 South 6th St., general contract 3 story, 5th and Franklin Sts., to J. T. Wilson & Co., Mutual Bldg., $300,000. Noted Jan. 4.

Va., Richmond—Office—Life Insurance Co. of Virginia, 10th and Bank Sts., 11 story, brick, steel and stone, 10th and Broad Sts., to J. T. Wilson Co., Mutual Bldg., $900,000. Noted Jan. 25.

Tenn., Nashville—Capitol Annex and Memorial—State, c/o H. McAllister, chn. Memorial Comn., general contract for capitol annex and soldiers memorial, Capitol Blvd., to A. J. Krebs & Co., Rhodes Bldg., Atlanta, Ga., $1,240,000. Noted Jan. 25.

O., Cleveland—Hotel—Allerton-Cleveland Co., c/o J. S. Cushman, pres., 16 story, brick, steel and concrete, East 13th St. and Chester Ave., to Crowell & Little Constr. Co., 3751 Prospect Ave. Archts. est. $2,000,000.

O., Columbus—School—E. L. McCune, clk. Bd. Educ., 2 story and basement, 125 x 145 ft., concrete and brick, Fairwood Ave., to L. L. LeVeque Co., 1518 Clifton Ave., $151,960. Noted Jan. 11.

Mich., Holland—High School—Bd. Educ., high school, to W. N. Allen, 929 Jefferson Bldg., Peoria, Ill., $193,749. Noted Feb. 1.

Mich., Mt. Clemens—High School—Bd. Educ., 3 story, 300 x 300 ft., rein.-con., brick and steel, plain foundation, Cass Ave., to F. R. Patterson Constr. Co., 2631 Woodward Ave., Detroit. $600,000.

Buildings (Continued)

Ill., Chicago — Apartment — A. Rootberg, 3955 West Adams St., 3 story, 147 x 149 ft., rein.-con., brick and steel, 52-64 North Lotus St., to H. Entin, 2116 Alice Pl. Archts. est. $225,000. Noted Jan. 11.

Ill., Chicago—Apartment—D. G. Wallace, archt., 22 West Monroe St., 3 story, 75 x 125 ft., rein.-con., brick and steel, 4615-23 Lincoln Ave., to B. W. Constr. Co., 720 Cass St. Archts. est. $150,000. Owner's name withheld.

Ill., Chicago—Hotel—Bway. Hotel Corp., 30 North La Salle St., 7 story, 62 x 160 ft., rein.-con., brick and steel, 5406 North Spaulding Ave., to R. Sollitt & Sons Constr. Co., 5 North La Salle St. Archts. est. $400,000.

Ill., Chicago—Office—Courts Bldg. Corp., c/o D. H. Burnham & Co., archts., 209 South La Salle St., 20 story, 162 x 181 ft., rein.-con., brick and steel, Randolph and La Salle Sts., to Starrett Bros., Inc., 8 South Dearborn St. Archts. est. $8,000,000.

Kan., Atchison—Gymnasium—St. Benedict's College, 2 story and basement, 100 x 190 ft., brick, tile and concrete, plain foundation, to Immel Constr. Co., 200 North Main St., Fon du Lac. $250,000. Noted Jan. 18.

Tex., Port Arthur—High School, etc.—Ed. Educ., two 2 story, 145 x 160 ft. wings to present high school, also 1 story, 30 x 65 ft. boiler house, rein.-con. and brick, plain foundation, Lake Shore Blvd., to Hickey & Montgomery, Scollard Bldg., Dallas, $400,000. Noted Jan. 11.

Okla., Ponca City—Hotel—Jens Hotel Co., 117½ East Grand St., will build 5 story and basement, 50 x 140 ft., brick, plain foundation, by day labor, under supervision of J. C. Ibach, archt., Kansas City, Mo. (street address not available). Archts. est. $200,000.

Nev., Gerlach—Hotel, Cottages, etc.—See "Industrial Work."

Wash., Everett—Hospital—Everitt General Hospital, 3 story and basement, concrete and steel, 13th and Colby Sts., to J. Arrington, 2451 Federal Ave., Seattle, $215,297. Archts. est. $225,000. Noted Feb. 1.

Wash., Seattle—Store—N. M. Carman, Cheasty Bldg., 5 story 74 x 113 ft., glazed terra cotta, 5th and Pine Sts., to Great Northern Constr. Co., New York Blk. Archts. est. $200,000.

Ore., Portland—Apartment—J. Moore, 776 East Burnside St., 4 story and basement, 77 x 93 ft., rein.-con., 280 East 25th St., to V. Carlson, 433 Vancouver Ave. Archts. est. $150,000. Noted Dec. 14.

Calif., Bakersfield—Lodge—Bakersfield Lodge of Masons, general contract 3 story, rein.-con., to Beck & Cohn, 180 Jessie St., San Francisco, $146,130; plastering, to MacGruer & Simpson, 266 Tehama St., San Francisco, $35,928; plumbing and heating, to Burnham Plumbing Co., 1220 Webster St., San Francisco, $31,964.

Calif., Fresno—Office—San Joaquin Light & Power Co., 1801 Tulare St., 10 story, rein.-con. and terra cotta, J and Tuolumne Sts., concrete work to R. F. Felchin Co., Bank of Italy Bldg.; reinforcing steel, to Kyle & Co., Call Bldg., San Francisco; structural steel, to Pacific Rolling Mills, 17th and Mississippi Sts., San Francisco; mill work, to Fresno Planing Mill, H and Monterey Sts.; plastering, to MacGruer & Simpson, 266 Tehama St., San Francisco; plumbing, to Luppen & Hawley, 906 7th St., Sacramento; sheet metal, to Standard Sheet Metal Wks., 2547 Tulare St.; cement, to Riverside Portland Cement Co., Riverside; etc. Total $800,000. Noted Jan. 18.

Calif., Mountain View—College—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco, 4 story, rein.-con., here, to J. L. McLaughlin, 251 Kearny St., San Francisco, $1,250,000.

Calif., Santa Rosa—Hotel and Apartment—Santa Rosa Hotel Corp., represented by Dunn-Hurst & Martin, Insurance Exch. Bldg., San Francisco, 6 story, concrete, here, to Ellery, Frost & Patton, Merchants' Natl. Bank Bldg., San Francisco, and Brix Bldg., Fresno, $500,000. Noted Jan. 25.

Calif., Sonoma City—Hotel—Mission Inn Corp., c/o Golden Gate Ferry Co., foot Hyde St., San Francisco, 2 story, rein.-con., hotel, natatorium and mineral baths, on Bigelow Ranch in Valley of the Moon, here, to Lange & Bergstrom, Sharon Bldg., San Francisco, $500,000.

Calif., Whittier — Auditorium and High School—Whittier High School Dist., auditorium, rein.-con., brick and tile, high school, brick, to Davies Constr. Co., I. W. Hellman Bldg., Los Angeles, $190,075 and $107,000 respectively. Noted Jan. 18.

Ont., Toronto—Store—T. Eaton Co. Ltd., Queen and Yonge Sts., 8 story and basement, 120 x 200 ft. concrete, brick and steel addition, masonry and general contract, to Thompson Bros., Ryrie Bldg., structural steel, to McGregor & McIntyre, Shaw St. Archts. est. $500,000. Noted Jan. 18.

Federal Government Work

PROPOSED WORK

Pa., Phila.—Dredging—U. S. Engineer, 815 Witherspoon Bldg., rejected bid dredging in Delaware River, between here and Trenton, N. J. Noted Jan. 25.

Del., Wilmington—Dredging—U. S. Engineer, Wilmington, plans dredging in Harbor, here.

Ala., Florence—Gates, etc.—U. S. Engineer, Florence, plans gates and screen track, castings, etc., for power house at Wilson Dam.

Ala., Florence—Valves, etc.—U. S. Engineer, Florence, plans cylinder valves, etc., for Wilson Dam.

Ky., Louisville—Lock—U. S. Engineer, P. O. Box 72, plans Lock 47 in Ohio River.

Mich., Detroit—Superstructure—U. S. Engineer plans concrete superstructure on West Center Pier, St. Marys Falls Canal.

BIDS DESIRED

Mass., Boston—Protection, etc.—March 5, by Treas. Dept., Wash., D. C., protection of site and building, and approach work at U. S. Immigrant Station, here. J. A. Wetmore, acting superv. archt.; adv. this issue.

N. Y., New York—Dredging—March 2, at office U. S. Engineer, 616 Army Bldg., dredging in Shrewsbury River, N. J.; adv. this issue. Noted Jan. 18.

Pa., Phila.—Barge—Feb. 24, at office U. S. Engineer, 815 Witherspoon Bldg., 1321 Walnut St., one 87 ft. steel oil barge, at Ft. Mifflin, here.

W. Va., Huntington—Barges—Feb. 20, at office U. S. Engineer, Huntington, three 80 x 26 x 5 ft. steel barges.

Tenn., Nashville—Towboat—March 6, at office U. S. Engineer, Nashville, 1 electric towboat; adv. this issue.

BIDS RECEIVED

N. Y., Iona Island — Quarters — Spec. 4743—Bureau Yards & Docks, Navy Dept., Wash., D. C., 1 double set quarters, here, from D & K Eng. Corp., 1976 Nostrand Ave., Brooklyn, $27,000 (120 days); W. Lange, 280 Park Ave., Weehawken, N. J., $29,543 (120 days); G. DeKimpe, 143 Summit Ave., West Hoboken, N. J., $32,000 (210 days). Noted Jan. 25.

Ga., Ft. Benning—Houses—Constructing Quartermaster for 23 sets of 2 family houses, here, from Dickie Constr. Co., 2339 Franklin St., St. Louis, Mo., $405,400; A. Blair, 11 South Lawrence St., Montgomery, Ala., $436,940; W. P. Thurston Co., Merchants Natl. Bank Bldg., Richmond, Va., $438,000. Noted Jan. 11.

CONTRACTS AWARDED

N. Y., New York—Tower—U. S. Engineer, 3rd Dist., 608 Army Bldg., one 100 ft. range finding tower at Arverne, to M. A. Hammond Constr. Co., 15 Park Row, $8,395. Noted Jan. 4.

N. Y., Tupper Lake—Tank—Spec. 4724—Bureau Yards & Docks, Navy Dept., Wash., D. C., elevated steel water tank, to Pittsburg-Des Moines Steel Co., 959 Munsey Bldg., Wash., D. C., $15,890 (240 days). Noted Jan. 4.

D. C., Wash.—Extension—Spec. 4773—Bureau Yards & Docks, Navy Dept., extension to refrigerating and cold storage plant at Naval Hospital, here, to Chatard & Norris, 304 Continental Bldg., Baltimore, Md., $20,130 (90 days). Noted Feb. 1.

Ala., Florence—Barges—U. S. Engineer, 4 steel barges, to Nashville Bridge Co., foot of Shelby Ave., Nashville, Tenn., $70,880. Noted Jan. 4.

O., Cincinnati—Dredge—U. S. Engineer, Custom House, one 24 in. pipe line dredge, to Charles Ward Eng. Wks., South Side, Charleston, W. Va., $292,600. Noted Dec. 7.

Mo., St. Louis—Levee Work—Mississippi River Comn., 1311 International Life Bldg., levee work incl. 900,000 cu.yd. earthwork in Sny Island Levee D.D., Illinois, to La Crosse Dredging Co., 405 Plymouth Bldg., Minneapolis, Minn., $170,100. Noted Dec. 28.

Ore., Astoria—Piers—Spec. 4615—Bureau Yards & Docks, Navy Dept., Wash., D. C., piers, bulkhead and dredging at Naval Submarine and Destroyer Base, here, to Gilpin Constr. Co., foot of 14th St., $100,000 (180 days). Noted Jan. 25.

California—Road—C. H. Sweetser, dist. engr., U. S. Bureau Pub. Rds., 881 Mills Bldg., San Francisco, grading and building structures on 15.1 mi. Cuyama Rd. in Santa Barbara Natl. Forest, to C. H. Hudson, Marsh-Strong Bldg., Los Angeles, $491,592. Noted Dec. 14.

California—Road—C. H. Sweetser, dist. engr., U. S. Bureau Pub. Rds., 881 Mills Bldg., San Francisco, grading and building structures on 10.9 mi. Adin-Adin Summit Natl. Forest Highway, about 28 mi. southwest of Alturas, Modoc Co., to D. H. Ryan, 1615 Fern St., San Diego, $92,856. Noted Dec. 14.

H. T., Pearl Harbor—Refrigerating and Ice-Making Plant—Spec. 4735—Bureau Yards & Docks, Navy Dept., Wash., D. C., refrigerating and ice-making plant, here, to Vilter Mfg. Co., 935 Clinton St., Milwaukee, Wis., $17,670. Noted Feb. 1.

Miscellaneous

PROPOSED WORK

Piers and Bulkhead—Baltimore, Md.—Mayor and City Council plan 6 piers, 1,200 ft. long, 300 ft. wide, and 2,400 ft. marginal wharf, concrete, $20,000,000; 4,000 ft. bulkhead, $1,200,000, Hanover St. R. Hill, Recreation Pier, harbor engr.

Elimination of Grade Crossings—Johnson City, N. Y.—State Hy. Dept., Albany, and Erie R.R. Co., 50 Church St., New York City, plans eliminating grade crossing on Johnson City-Endicott Highway, here, 49,057 cu.yd. fill of roadway, 7,550 cu.yd. excav., 2,561 cu.yd. reinforcement, 4,000 lin.ft. piling sheathing below water, 8,000 lin.ft. sheathing above water, etc. $126,640. A. Vanamann, c/o Erie R.R. Co., ch. engr.

Snow Plow—Milo (Penn Yan P. O.), N. Y.—Town Bd. plans to purchase 3,000 lb. snow plow. $1,000.

Coal Breaker—Avondale, Pa.—G. F. Lee Coal Co. plans to rebuild coal breaker, 1,200 ton daily capacity, recently destroyed by fire. $200,000. Architect not announced.

Asphalt—Harrisburg, Pa.—W. H. Lynch, street comr., soon takes bids 700 ton asphalt in tank cars for street repairs.

Cranes—Lancaster, Pa.—Lancaster Steel Products Corp. plans to purchase three 2 ton, 3 motor traveling cranes, 30 ft. span each.

Grand Stand—East Cleveland (Cleveland P. O.), **O.**—See "Buildings."

Docks, etc.—Conneaut, O.—Bessemer & Lake Erie R.R. Co., Erie, Pa., plans improvements to ore docks, here, incl. replacing Dock 1, a wooden structure with concrete, widening and deepening channel also enlarging storage facilities. $1,000,000. Engineer not announced.

Gas Reservoir — Duluth, Minn. — City Utilities Dept. plans 1,000,000 cu.ft. gas reservoir, brick, steel and concrete, Cook St. west of 40th Ave. E. $300,000. P. G. Phillips, comr. Public Utilities. Engineer not selected.

Stadium, etc.—University Place (Lincoln P. O.), **Neb.**—Nebraska Wesleyan University soon takes bids 1 story, 42 x 187 ft. stadium, rein.-con. and brick, 25 x 75 ft. swimming pool, also athletic field. $75,000. Fiske & Meginnis, Bankers Life Bldg., Lincoln, archts. Noted Dec. 14.

Grain Elevator—Little Rock, Ark.—Hayes Grain & Commission Co., 423 Poplar St., North Little Rock, plans new grain elevator, mill construction. $60,000.

Power Line—Pullman, Wash.—Washington Water Power Co., 825 Treat St., Spokane, plans 60,000 volt power line from here to Moscow, 11 mi.

Piers—Seattle, Wash.—See "Industrial Works."

Subway—Bakersfield, Calif.—City plans subway under Southern Pacific R.R. tracks. $45,000. W. D. Clarke, city engr.

Concrete Work—Berkeley, Calif.—University of California, soon takes bids con-

Miscellaneous (Continued)

crete work for stadium, Strawberry Canyon. $500,000. Baker & Carpenter, 58 Sutter St., San Francisco, consult. engrs. J. G. Howard, 1st Natl. Bank Bldg., San Francisco, university archt. Noted Jan. 11.

Power and Lighting System — London, Ont.—London and Lobo Twps. plan to take over and extend several private electrical companies, $25,000. M. Grant, 110 Dundas St., London Twp. Clk. E. R. Barclay, Poplar Hill, Lobo Twp. clk.

Electric Lighting System—Tavistock, Ont.—Voted $25,000 bonds for hydro electric lighting and distribution system. Power to be supplied by Hydro Electric Power Comn., University Ave., Toronto.

Breakwater — Toronto, Ont. — Harbor Comn. and Dept. Pub. Wks., Ottawa, plan to complete 4,400 ft. breakwater in front of Exhibition Grounds, precast concrete and mass concrete on pile foundation. $1,000,000. E. L. Cousins, Harbor Comn. Bldg., engr.

BIDS DESIRED

Manholes, etc.—Baltimore, Md.—Feb. 14, by Bd. Awards, 125,000 lb. manholes, sewer inlet and similar iron castings, $9,000. C. F. Goob, City Hall, highways engr.

Steam Ashes—Long Island City, N. Y.—Feb. 15, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., furnishing and delivering 13,000 ton steam ashes to Bureau of Highways.

Building Materials—New York, N. Y.—Starrett Bros., Inc., 101 Park Ave., desires catologs covering all materials entering building construction. A. S. Clair, secy.

Cable—New York, N. Y.—Feb. 14, by Bd. Purch., Municipal Bldg., furnishing and delivering weatherproof cable, to Dept. Plant & Structures. G. A. Whalen, comr. Plant & Structures, chn.

Lumber—New York, N. Y.—Feb. 15, by Bd. Purch., Municipal Bldg., furnishing and delivering lumber to Dept. Street Cleaning; lumber and piles to Dept. Plant & Structures. G. A. Whalen, comr. Plant & Structures, chn.

Mowers, etc.—New York, N. Y.—Feb. 15, by Bd. Purch., Municipal Bldg., furnishing and delivering mowers and tractor, to Dept. Parks-Bronx. G. A. Whalen, comr. Plant & Structures, chn.

Bituminous Patch Material, etc.—Richmond, Va.—Feb. 19, by G. P. Coleman, state highway comr., furnishing 529,287 gal. bituminous patch material; furnishing and applying 1,402,509 gal. surface treatment material.

Tractors—Florida—Feb. 14, by State Rd. Dept., Tallahassee, 9 tractors suitable for road construction and maintenance, 5 and 10 ton capacity. H. B. Philips, chn.

Steam Shovel, etc.—Jacksonville, Fla.—H. W. Dexter, Box 665, in market 1 yd. steam shovel, crawler or caterpillar type; also 5 or 6 ton steam tandem type, road roller.

Asphaltic Cement—New Orleans, La.—Feb. 14, by W. Ball, purch agt., City Hall, 1-3 car loads asphaltic cement per week.

Structural Steel—Cudahy, Wis.—See "Industrial Works."

Street Lighting System—Owen, Wis.—See "Streets and Roads."

Lumber—Logan, Ia.—Feb. 12, by Auditor Harrison Co., 10 cars standard sawed fir lumber, 4 cars red cedar piling and 4 cars treated piling. B. C. Dale, co. engr.

Metal and Lumber—Muscatine, Ia.—Feb. 19, by Auditor Muscatine Co., 3,434 ft. corrugated culvert metal and 138,026 ft. Douglas fir, full sawed or standard sawed. F. P. G. Halbfass, co. engr.

Tractor — Hibbing, Minn. — Feb. 13, by village, one 5 ton tractor. C. E. Everett, village recorder.

Street Lighting System — Plattsmouth, Neb.—Feb. 26, by A. H. Duxbury, city clk., street lighting system, incl. 71 electroliers, 500 lin.ft. No. 4, 7,600 lin.ft. No. 6 and 7,120 lin.ft. No. 10 underground cable, and appurtenances. $11,172. Bruce & Grupe, 408 Finance Bldg., Omaha, engrs.

Corrugated Metal Pipe—Pierre, S. D.—Feb. 15, by State Hy. Comn., furnishing 554 ft. 15 in., 652 ft. 18 in., 380 ft. 24 in., 306 ft. 30 in., 122 ft. 36 in. corrugated metal pipe, f.o.b. cars Bowman, N. D.

Piling—Phoenix, Ariz.—L. S. Atkinson, Jr., P. O. Box 118, in market for 10,000 sq.ft. interlocking sheet piling, long lengths and heavy section preferred. Quote immediately furnishing full information as to condition, length, size, previous use, price, etc.

Pump, Motor, etc.—Inglewood, Calif.—Feb. 13, by O. H. Duelke, city clk., deep well turbine type, 900 gal. per minute, pump; elevated hemispherical bottom steel water tank and tower, steel stand pipe 84 ft. high, 25 ft. diam. Separate bids on each item.

Pier—San Diego, Calif.—March 20, to vote on $495,000 bonds constructing mole type pier in San Diego harbor. F. A. Rhodes, city engr. Noted Jan. 25.

Grain Elevator and Wharf—Vancouver, B. C.—E. A. Wcodward, Grain Exch., Winnipeg, Man., taking bids new grain elevator, concrete storage, timber work house and wharf. $500,000.

BIDS RECEIVED

Plumbing and Drainage—Brooklyn, N. Y.—J. E. Douglass, acting supt. School Buildings of Bd. Educ., Flatbush Ave. extension and Concord St., opened bids Feb. 5, plumbing and drainage work in Thomas Jefferson High School, northerly side of Dumont Ave. from Pennsylvania to Sheffield Aves., from J. D. Duffy Co., 315 East 23rd St., New York, $92,764; J. A. Graff, 394 Waverly Pl., $94,330; N. P. Lorenzo, 430 Pearl St., New York, $97,900. Noted Feb. 1.

Refined Asphalt, etc.—Brooklyn, N. Y.—E. Riegelmann, boro pres., Boro Hall, opened bids Jan. 31, furnishing and delivering (1) 400,000 gal. refined asphalt (2) 4,500 cu.yd. binder stone (3) 2,000 net ton limestone dust (4) 10,000 cu.yd. asphalt sand (5) 8,000 bbl. Portland cement (6) 50,000 asphalt paving blocks (7) 50,000 grade 1 granite blocks (8) 50,000 wood paving blocks (9) 5,000 cu.yd. steam cinders (10) 300,000 gal. asphalt road oil (11) 1,800 cu.yd. broken stone, from Standard Oil Co., 26 Bway., New York, (1) $22,320 (10) $16,450; Warner Quinlan Co., 79 Wall St., New York, (1) $22,400 (10) $18,000; Calvin Tompkins Co., 30 Church St., New York, (2) $9,945; New York Trap Rock Corp., 101 Park Ave., New York, (2) $10,980 (3) $10,620 (11) $7,550; E. Meyer Co., 25 Church St., New York, (3) $11,300; J. Grielo, (4) $13,800; High Grade Builders' Supply Co., (4) $16,300; F. Polestro, (4) $17,000; Burroughs Building Material Co., Johnson Ave. and Newtown Creek (5) $22,960; M. M. Canda, 184 3rd St., (5) $25,440; Hastings Pavement Co., 25 Broad St., New York, (6) $4,711; J. Meehan & Son, 74 Cortlandt St., New York, (7) $6,725; J. Leopold & Co., Inc., Woolworth Bldg., New York, (7) $6,750; Rockport Granite Co., 13 Park Row New York, (7) $7,150; Amer. Creosoting Co., 17 Battery Pl., New York, (8) $3,225; D. Negri & Sons, 792 Maple Ave., (9) $3,600; T. E. McCormick, 810 Lincoln Rd., Flatbush, (9) $4,050; J. J. Guinan Contg. Co., 2314 Gravesend Ave., (9) $4,250 (11) $5,984; Texas Co., 17 Battery Pl., New York, (10) $16,770; J. Grillo, (11) $6,850. Noted Jan. 25.

Asphalt Road Oil, etc.—New York, N. Y.—H. Bruckner, pres. Bronx Boro, 3rd and Tremont Aves., opened bids Feb. 1, furnishing and delivering (1) 600,000 gal. asphalt road oil (2) 200,000 gal. tar road oil (3) 50,000 gal. bituminous surfacing material (4) 800 ton asphaltic cement (5) 60 ton paving pitch (6) 6,000 cu.yd. broken trap rock stone (7) 8,000 cu.yd. asphalt sand (8) 4,000 cu.yd. binder stone (9) 1,000 ton limestone dust (10) 4,000 bags Portland cement (11) 6,000 cu.yd. sand grits (12) 3,000 cu.yd. hard ashes (13) 1,000 cu.yd. fine sand, from Standard Oil Co., 26 Bway., (1) $34,380 (4) $17,720; Texas Co., 17 Battery Pl., (1) $34,800 (4) $21,720; Warner Quinlan Co., 79 Wall St., (1) $35,994 (4) $17,960; Barrett Co., 17 Battery Pl., (2) $20,900 (3) $8,250 (5) $1,560; F. J. Lewis Mfg. Co., Eastern Blvd. and East 177th St., (2) $22,800 (3) $9,870 (5) $1,230; P. J. Kearns Contg. Co., 2306 Creston Ave., (6) $29,260; New York Trap Rock Corp., 101 Park Ave., (6) $29,640 (8) $7,800 (9) $6,110; New Haven Trap Rock Corp., 69 Church St., New Haven, Conn., (6) $30,685; J. T. Cunningham, (7) $9,760 (11) $16,500; Calvin Tompkins Co., 30 Church St., (8) $7,720; E. Meyer Co., 25 Church St., (9) $5,800; T. J. Mallette, Inc., (10) $2,900; J. A. McCarthy, 551 Exterior St., (10) $2,950; Anderson Brick & Supply Co., 201 East 129th St., (10) $3,000; Ames Building Material Co., 3437 Kingsbridge Rd., (11) $14,880 (12) $2,220 (13) $1,670; Rosoff Sand & Gravel Co., (11) $15,300; Spadaro Contg. Co., 827 East 217th St., (12) $2,340; Gallagher-Shand, Inc., 420 East 105th St., (12) $2,850 (13) $1,750; Lenox Sand & Gravel Co., Hudson River and 157th St., (13) $1,780. Noted Jan. 25.

Structural Steel—New York, N. Y.—Transit Comn., 49 Lafayette St., opened bids Feb. 1, furnishing and erecting structural steel for 3rd addition to shops at Lenox Ave. and 148th St., from Jobson Gifford Co., 320 East 42nd St., $293,362; McClintic-Marshall Co., 50 Church St., $302,840; Bethlehem Steel Corp., 25 Bway., $304,864. Noted Jan. 25.

Underground Fire Alarm System—New York, N. Y.—T. J. Drennan, fire comr., Municipal Bldg., opened bids Feb. 5, portion of underground fire alarm system, from Croker Electric Co., 20 West 30th St., $3,429, $11,639 and $4,260; J. Sugden, 100 5th Ave., $4,022, $10,997 and $4,446; Federal Constr. & Eng. Co., $4,655, $14,538; B. T. and J. J. Mack, 200 Bway., $5,000, $16,100 and $4,950. Noted Feb. 1.

Cement — Minneapolis, Minn. — Opened bids Jan. 30, 120,000 bbl. cement, from P. G. Speakes Co., 2845 2nd Ave. S. Landers-Morrison-Christensen Co., 800 Builders Exch., Thompson Yards Inc., 2694 University Ave., St. Paul, and Minneapolis Builders Supply Co., 315 Lumber Exch., all bid $2.52 per bbl., net f.o.b. cars. Award will be divided among bidders.

CONTRACTS AWARDED

Foundation, etc.—East Boston (Boston P. O.), **Mass.**—Boston Consolidated Gas Co., 149 Tremont St., Boston, foundation, etc. for syphons at Chelsea Creek Plant, here, to T. A. Scott Co., 364 Border St. Engrs. est. $40,000.

Grandstand — Danbury, Conn.—Danbury Agricultural Society, 291 Main St., 2 tier grandstand, steel and concrete, 350 ton steel Fair Grounds to replace one destroyed by fire, to Porcupine Co., Fairfield Ave., Bridgeport, Archts. est. $25,000.

Plumbing and Drainage Work—Brooklyn, N. Y.—C. B. J. Snyder, supt. School Buildings of Bd. Educ., Flatbush Ave. extension and Concord St., plumbing and drainage work in P. S. 192, to W. J. Endres, Grand Central Terminal, New York, $38,383. Noted Feb. 1.

Plumbing and Drainage Work — New York, N. Y.—C. B. J. Snyder, supt. School Buildings of Bd. Educ., Flatbush Ave. extension and Concord St., Brooklyn, plumbing and drainage work in P. S. 65 and P. S. 69, Bronx Boro, to W. J. Endres, Grand Central Terminal, $35,421 and $18,150 respectively. Noted Feb. 1.

Test Borings—Phila., Pa.—Test borings in Broad St., to P. J. Healy Co., 26 Cortlandt St., New York City. Noted Jan. 25.

Heating Work—Wooster, O.—Bd. Educ., heating work in 2 story high school, to Thatcher Heating Co., 46 South Bway., Akron, $61,500. Noted Feb. 1.

Portland Cement—Milwaukee, Wis.—Central Bd. Purchases furnishing 10,000 bbl. Portland cement for use of various departments, to Western Lime & Cement Co., 68 Wisconsin St., $3.20 per bbl. incl. bags at 10c. each. Noted Jan. 25.

Tractor—Luverne, Minn.—One 10 ton caterpillar tractor, to Holt Mfg. Co., Peoria, Ill., $4,850; $1,200 allowed for old 20 ton Holt caterpillar tractor. Noted Dec. 21.

Ball Globes—St. Paul, Minn.—For one hundred and forty-four 16 in. ball globes with 8 in. fitter openings, seven hundred 12 in. with 6 in. fitter openings, two hundred and four No. 109, one hundred No. 104 glass G.E. globes, and one hundred No. 1104 G.E. glass canopies, to Northwestern Electric Equipment Co., 174 East 6th St., $3,000. Noted Jan. 4.

Electric Transmission Conductors — San Francisco, Calif.—Bd. Pub. Wks., to Anaconda Copper Mining Co., Anaconda, Mont., represented by Pacific States Electric Co., 575 Mission St., furnishing and delivering f.o.b. cars at San Francisco, under Proposition C, 345,000 c.m. hemp-covered copper cable, weighing 5,796 lb. per mi., outside diameter 75 in., made up of 30 wires each, having diameter .1072 in., at $0.1865 per lb., credit for empty cable reels, $15 per reel. Noted Jan. 25.

Telegraph and Telephone Lines—Ontario—Canadian Natl. Ry., 407 Old Union Sta., Toronto, will build 29¼ mi. telegraph and telephone lines in connection with Long Lac cut-off near Nakina, by day labor. A. F. Stewart, ch. engr.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: Feb. 19.

Reconstruction of Streets

Spring Lake, N. J.

Sealed bids will be received by the Mayor and Council of the Borough of Spring Lake, N. J., for the reconstruction of certain streets in the said Borough of Spring Lake; the work to consist of grading and paving with Sheet Asphalt on concrete base and including such incidental items as resetting curbs, building underdrains, manholes, etc.

The estimated quantities are approximately as follows:

Excavation	7,740 cu.yds.
Concrete Base	4,761 cu.yds.
Sheet Asphalt Surface	28,564 cu.yds.

Said bids will be opened and publicly read at the rooms of the Borough Council in the Borough Hall in said Borough of Spring Lake, N. J., February 19th, 1923, at 2 o'clock P.M.

Plans and specifications, prepared by John M. Braly, Engineer, are on file in the office of the Engineer where they may be seen by prospective bidders during business hours. The standard proposal form is attached to the specifications.

Copies of the plans and specifications may be obtained from the Engineer by making a deposit of $10.00. The deposit will be refunded after the opening of the bids upon the return of the copy of plans and specifications in good condition.

Bids must be made on the standard proposal forms in the manner designated and required by the specifications; must be enclosed in sealed envelopes bearing the name and address of the bidder; marked "Proposal for Paving East Lake Ave., etc." and addressed to Hon. O. H. Brown, Mayor, Borough of Spring Lake, N. J.

Each proposal must be accompanied by a certified check in a sum not less than ten (10%) per cent of the total amount bid on the work, payable to the Collector of the Borough of Spring Lake, and also an undertaking form from a Surety Company, authorized to do business in New Jersey, agreeing to provide the bidder, if successful, with the required bond.

Proposals, checks and agreements of surety must be delivered at the place and on the hour above named.

The Borough Council reserves the right to reject any or all bids, should it, upon consideration, deem it to the best interest of the Borough so to do.

By order of the Mayor and Council of the Borough of Spring Lake.

P. S. BROWN,
Borough Clerk.

JOHN M. BRALY,
Borough Engineer.

Bids: Feb. 21.

Sewers

Sturgis, Mich.

The City Commission of the City of Sturgis, Mich., will receive sealed proposals until 2:00 p.m. Wednesday, February, 21st, 1923, for the construction of the following sewers: 700 ft. of 54 in.; 530 ft. of 36 in.; 30 ft. of 27 in.; 50 ft. of 18 in.; 5,080 ft. of 12 in.; 3,650 ft. of 10 in.; 4,715 ft. of 8 in.; 2,000 ft. of 6 in. house connections laid from sewer to curb line; 315 lineal ft. of manholes; plans and specifications are on file in office of City Engineer. Copies of same may be secured by a deposit of $5.00. A certified check for $1,000.00 must accompany bid. Right is reserved to reject any or all bids. Further information on application. By order of City Commission, City of Sturgis, Michigan.

ARTHUR H. NILES,
City Engineer.

OFFICIAL PROPOSALS

Bids: Feb. 12.

Brass Corporations, Sidewalk Cocks, Etc.

Springfield, Mass.

Notice is hereby given that sealed proposals will be received by the Board of Water Commissioners of the Springfield Municipal Water Works, at its office in the Municipal Building, Springfield, Mass., at 11:30 o'clock a.m., Feb. 12, 1923, for the following brass corporations, inverted key sidewalk cocks, tee handle M. & F. cocks, inverted key stop and waste cocks, and compression bibbs with hose spouts.

700—¾-in. corporations with tail pieces.
150—1-in. corporations with tail pieces.
50—1¼-in. corporations bodies only.
75—1½-in. corporations bodies only.
40—2-in. corporations with tail pieces.
25—¾-in. inverted key sidewalk cocks.
800—1-in. inverted key sidewalk cocks.
200—1¼-in. inverted key sidewalk cocks.
50—1½-in. inverted key sidewalk cocks.
100—1-in. tee handle M. & F. cocks.
50—¾-in. inverted key stop and waste cocks with special handles.
1,000—1-in. inverted key stop and waste cocks with special handles.
200—1¼-in. inverted key stop and waste cocks with special handles.
600—½-in. compression bibbs with hose spouts.

The proposal shall be placed in a sealed envelope addressed to the Board of Water Commissioners, Springfield, Mass., and plainly marked on the outside "Sealed Proposal for Brass Goods." The proposal shall contain a schedule giving dates of the earliest shipment of at least 20 per cent of each item of the proposal and of the shipment of the completed order.

The Board of Water Commissioners reserves the right to increase or decrease the number of any of the items designated above according to its needs during the year 1923. The number specified is given as a basis of estimate only.

The Board of Water Commissioners reserves the right to reject any or all bids, or to accept any bid or any portion of any bid which it may be to the best interests of the city so to do.

Price shall include freight prepaid to Armory, Mass.

For further information and specifications, apply to the Superintendent at the above address.

BOARD OF WATER COMMISSIONERS,
SPRINGFIELD, MASS.
H. M. KING, Superintendent.

Bids: Feb. 14.

Reservoir and Pipe Lines

Wellsville, Ohio.

Sealed proposals will be received at the office of the Director of Public Service, Wellsville, Ohio, until 12 o'clock noon of Wednesday, February 14th, 1923, for constructing an earthen reservoir, capacity 140,000,000 gallons, and 3½ miles of gravity pipe lines connecting with the City Water Works distribution system. Copies of specifications may be obtained from the Director of Public Service and copies of plans will be furnished by The W. J. Sherman Co., Engineers, 302 Produce Exchange Bldg., Toledo, Ohio, upon deposit with them of $10.00, of which sum one-half will be refunded if plans are returned to the Toledo office before March 1st, 1923.

T. R. SNOWDEN,
Director of Public Service.

Wellsville, Ohio.
January 15th, 1923.

OFFICIAL PROPOSALS

Bids: Feb. 14.

Water System

Voorheesville, N. Y

Notice is hereby given that sealed proposals will be received by the Board of Trustees of the Village of Voorheesville, N. Y., at their office in the "Hose House" in the Village of Voorheesville, N. Y., until two (2:00) o'clock p.m. on the fourteenth (14th) day of February, 1923, for the construction of about 3½ miles of cast iron water pipe and appurtenances and a concrete reservoir.

All proposals must be made upon printed forms to be obtained from the engineer; and the unit prices written in words and figures, and accompanied by cash or a certified check, made payable to the Village of Voorheesville, N. Y., for one thousand dollars ($1,000.00).

All proposals must be enclosed in a sealed envelope, directed to the Board of Trustees, Village of Voorheesville, N. Y., and endorsed upon the outside of the envelope "Proposal for Water System."

Plans and specifications may be obtained of the engineer. A deposit of five dollars will be required for the plans and specifications, which will be refunded upon their return in good order on or before February 20, 1923.

The Board of Trustees reserve the right to reject any or all proposals.

By order of the Board of Trustees of the Village of Voorheesville, N. Y.

GILBERT H. DARING,
Village Clerk,
Voorheesville, N. Y.

W. W. CHADSEY,
Engineer,
434 State Street,
Schenectady, N. Y.

Bids: Feb. 14.

State Hospital Work

Kings Park, N. Y.

Sealed proposals for Construction, Heating, Sanitary and Electric Work Additions to Employees' Home, and also Fire Escapes, Buildings A, B, C and D, at the Kings Park State Hospital, Kings Park, N. Y., will be received by the State Hospital Commission, Capitol, Albany, N. Y., until three o'clock P.M., on Wednesday, February 14, 1923, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of five per cent (5%) of the amount of proposal. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of Specifications Nos. 3974, 3975, 3976, 3977 and 4036. The right is reserved to reject any or all bids. Drawings and specifications may be examined at the Kings Park State Hospital, Kings Park, N. Y.; at the New York Office of the Department of Architecture, Room 1058, 25 Broadway, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings, specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon reasonable notice to and in the discretion of the State Architect, L. F. Pilcher, Capitol, Albany, N. Y.

L. M. FARRINGTON,
Secretary, State Hospital Commission.
Dated: January 16, 1923.